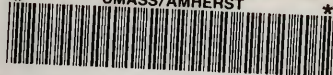



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*The Commonwealth of Massachusetts*



1968  
ASSESSMENTS  
OF THE  
METROPOLITAN  
DISTRICTS



Compiled in the Office of  
ROBERT Q. CRANE  
TREASURER AND RECEIVER-GENERAL

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The Commonwealth of Massachusetts

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1968  
ASSESSMENTS  
FOR  
INTEREST, SERIAL BONDS  
AND MAINTENANCE  
OF THE  
METROPOLITAN DISTRICTS

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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1968

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1968, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1967, bonds have been issued as follows:

Metropolitan District Park Loan, Act of 1961 (Ch. 517)	. . . . .	\$695,000.00
Met. Dist. Comm. Recreational Loan, Act of 1965 (Ch. 681)	. . . . .	1,000,000.00
Met. District Sewerage Relief Loan, Act of 1962 (Ch. 593)	. . . . .	500,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	. . . . .	1,000,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	. . . . .	500,000.00
Met. Water Dist. Additional Loan, Act of 1962 (Ch. 654)	. . . . .	3,000,000.00
Met. Water Dist.—Water Use Development Loan (Ch. 587—1945) (Ch. 549—1946)	. . . . .	2,415,000.00

## Metropolitan Sewer

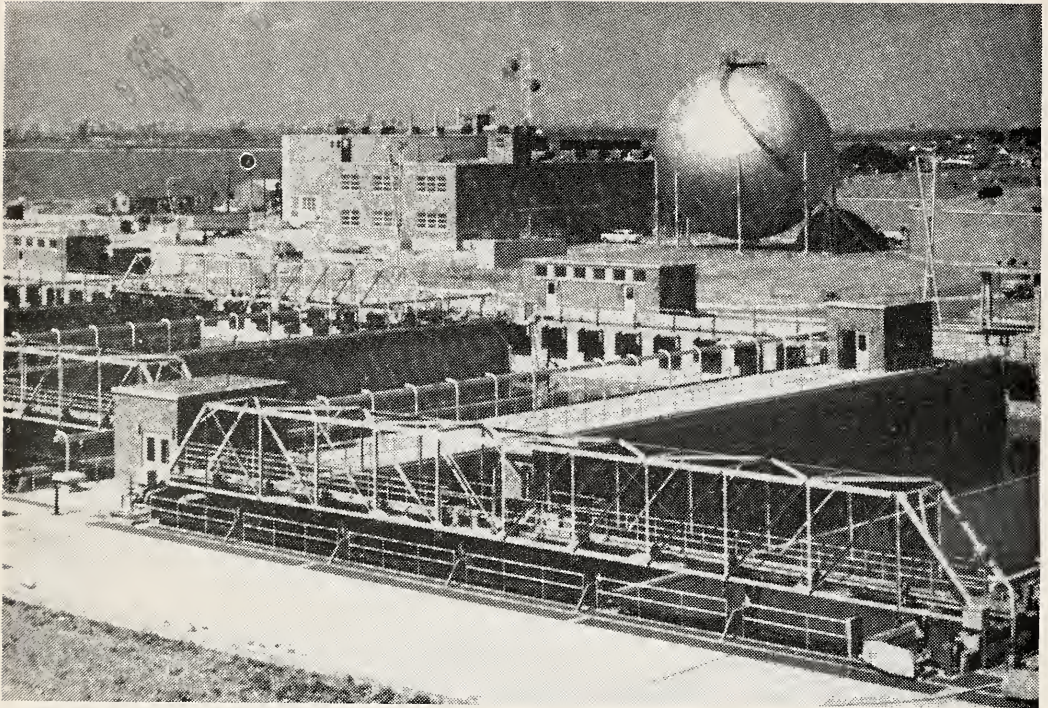
Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections





authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part

of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## Metropolitan Water

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirements of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water





district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.



## Metropolitan Parks



SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall

be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE

*Treasurer and Receiver-General*



# TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1968

<i>Cities and Towns</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks and Boulevards</i>	<i>Metropolitan Sewerage System</i>	<i>Total</i>
Arlington	\$ 211,907.76	\$ 216,553.45	\$ 322,972.40	\$ 751,433.61
Ashland			30,121.94	30,121.94
Belmont	96,627.60	169,001.99	163,864.00	429,493.59
Boston	5,348,206.92	3,040,930.16	2,056,189.83	10,445,326.91
Braintree		125,794.93	160,462.31	286,257.24
Brookline	283,658.40	368,266.73	291,915.77	943,840.90
Burlington			86,281.63	86,281.63
Cambridge	67,680.96	464,653.14	1,046,854.70	1,579,188.80
Canton		48,728.22	91,684.16	140,412.38
Chelsea	173,173.44	104,443.06	267,044.78	544,661.28
Cohasset		1,658.22		1,658.22
Dedham		117,705.10	186,098.61	303,803.71
Dover		20,208.11		20,208.11
Everett	313,501.56	288,773.70	308,544.95	910,820.21
Framingham			185,308.81	185,308.81
Hingham		69,178.95	38,810.14	107,989.09
Hull		47,578.25		47,578.25
Lexington	174,273.72		105,995.57	280,269.29
Lynn		429,049.47		429,049.47
Lynnfield Water District	10,855.56			10,855.56
Malden	248,756.76	214,774.93	320,958.14	784,489.83
Marblehead	81,216.24			81,216.24
Medford	313,842.84	240,339.71	521,430.88	1,075,613.43
Melrose	129,161.64	136,710.01	255,057.51	520,929.16
Milton	103,452.36	143,821.35	240,712.57	487,986.28
Nahant	19,027.20	17,568.20		36,595.40
Natick			146,257.88	146,257.88
Needham	41,233.80	136,337.60	168,537.09	346,108.49
Newton	466,798.56	521,645.09	672,036.21	1,660,479.86
Norwood	160,819.20		139,583.93	300,403.13
Peabody	62,678.40			62,678.40
Quincy	433,216.80	419,076.10	600,775.30	1,453,068.20
Randolph			92,571.90	92,571.90
Reading			72,396.15	72,396.15
Revere	149,728.08	149,766.64	206,802.91	506,297.63
Saugus	89,035.80	78,470.85		167,506.65
Somerville	421,896.12	333,234.71	524,981.83	1,280,112.66
Stoneham	115,191.84	70,725.79	128,161.11	314,078.74
Stoughton			62,621.68	62,621.68
Swampscott	60,172.80	81,472.67		141,645.47
Wakefield	67,596.00	100,064.42	154,428.60	322,089.02
Walpole			63,823.99	63,823.99
Waltham	395,616.48	229,091.22	314,699.06	939,406.76
Watertown	201,479.04	187,482.45	243,299.97	632,261.46
Wellesley		165,651.49	126,664.33	292,315.82
Weston	13,402.92	54,193.55		67,596.47
Westwood		49,123.19	64,169.76	113,292.95
Weymouth		239,671.57	250,234.83	489,906.40
Wilmington			55,718.00	55,718.00
Winchester	27,815.28	114,678.03	242,017.50	384,510.81
Winthrop	64,159.68	78,048.48	136,030.64	278,238.80
Woburn			296,834.36	296,834.36
	\$ 10,346,183.76	\$ 9,274,471.53	\$ 11,442,955.73	\$ 31,063,611.02

## METROPOLITAN WATER DISTRICT

### Metropolitan Water Debt

Gross (and net) debt June 30, 1968

Bonds Outstanding (serial)

Additional Water Loan	\$8,524,000.00
Water Use Development Loan	51,726,000.00
Water Main Loan, Act of 1949	1,430,000.00
Water Main Loan, Act of 1954	898,000.00
Water Main Loan, Act of 1957	1,492,000.00
Water Main Loan, Act of 1959	1,152,000.00
Water Loan, Act of 1950	9,372,000.00
Water Loan, Act of 1952	5,070,000.00
Clinton Sewage Loan, Act of 1954	364,000.00
Metropolitan Water District Additional Loan, Act of 1956	17,269,000.00
Metropolitan Water District Additional Loan, Act of 1961	9,410,000.00
Metropolitan Water District Additional Loan, Act of 1962	8,835,000.00
Metropolitan Water District Additional Loan, Act of 1964	1,445,000.00

Total Net Water Debt June 30, 1968	\$116,987,000.00
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### Metropolitan Water Expenses

*Debt Service:*

	<i>Serial Bonds</i>	<i>Interest</i>
Additional Water Loan	\$1,364,000.00	\$ 156,765.00
Water Use Development Loan	2,592,000.00	1,425,509.25
Water Main Loan, Act of 1949	110,000.00	26,180.00
Water Main Loan, Act of 1954	53,000.00	23,932.00
Water Main Loan, Act of 1957	76,000.00	52,460.00
Water Main Loan, Act of 1959	49,000.00	38,738.75
Water Loan, Act of 1950	387,000.00	231,477.50
Water Loan, Act of 1952	155,000.00	156,837.50
Clinton Sewage Loan, Act of 1954	22,000.00	6,562.50
Metropolitan Water District Additional Loan, Act of 1956	411,000.00	581,657.75
Metropolitan Water District Additional Loan, Act of 1961	205,000.00	195,815.00
Metropolitan Water District Additional Loan, Act of 1962	125,000.00	240,713.75
Metropolitan Water District Additional Loan, Act of 1964	55,000.00	52,500.00
Interest on Average Monthly Deficit		7,479.89

	\$5,604,000.00	\$3,196,628.89	\$8,800,628.89
Brookline Credit for Property Acquired			1,887.40

Amount assessed for Net Debt

\$8,802,516.29

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G. L. C. 92, S. 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1968:

*Fund Requirements—July 1, 1967* \$2,415,267.53

*Fiscal Year Charges:*

Appropriations	\$14,675,822.00*
Appropriations of Restricted Revenue	25,694.16
Expenditures Authorized—Not Appropriated	9,367.29
Authorized Transfers	638,764.41
	<hr/> 15,349,647.86

*Deduct Reversions:*

Appropriations	\$382,614.70		
Accounts Payable	77,716.25	460,330.95	14,889,316.91
	<hr/>	<hr/>	<hr/>
Total Charges			17,304,584.44

*Operating Revenues:*

District Assessments	10,859,430.59	
Proceeds from Sale of Water Use— Development Loan Bonds	2,415,000.00	
Other Direct Revenue	853,056.56	
	<hr/>	
Total Revenue		14,127,487.15

*Fund Requirements—June 30, 1968* 

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\$3,177,097.29

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\*Includes \$1,887.40 credit to the Town of Brookline

\*Debt Service \$8,920,650.00

Less: Amount reverted—  
(over appropriated) 127,501.00

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\$8,793,149.00

## METROPOLITAN WATER ASSESSMENT FOR 1968

	<i>Total Consumption for 1967 in Million Gallons</i>	<i>1968 Charge at \$120 per mil. gals. (Chap. 723, Acts of 1962)</i>	<i>Proportion for Computing Share of Debt</i>
Arlington	1,765.898	\$ 211,907.76	.020482
Belmont	805.230	96,627.60	.009339
Boston	44,568.391	5,348,206.92	.516926
Brookline	2,363.820	283,658.40	.027417
Cambridge*	564.008	67,680.96	.006542
Chelsea	1,443.112	173,173.44	.016738
Everett	2,612.513	313,501.56	.030301
Lexington	1,452.281	174,273.72	.016844
Lynnfield Water District	90.463	10,855.56	.001049
Malden	2,072.973	248,756.76	.024043
Marblehead	676.802	81,216.24	.007850
Medford	2,615.357	313,842.84	.030334
Melrose	1,076.347	129,161.64	.012484
Milton	862.103	103,452.36	.009999
Nahant	158.560	19,027.20	.001839
Needham*	343.615	41,233.80	.003985
Newton	3,889.988	466,798.56	.045118
Norwood	1,340.160	160,819.20	.015544
Peabody*	522.320	62,678.40	.006058
Quincy	3,610.140	433,216.80	.041872
Revere	1,247.734	149,728.08	.014472
Saugus	741.965	89,035.80	.008606
Somerville	3,515.801	421,896.12	.040778
Stoneham	959.932	115,191.84	.011134
Swampscott	501.440	60,172.80	.005816
Wakefield*	563.300	67,596.00	.006533
Waltham	3,296.804	395,616.48	.038238
Watertown	1,678.992	201,479.04	.019474
Weston*	111.691	13,402.92	.001295
Winchester*	231.794	27,815.28	.002688
Winthrop	534.664	64,159.68	.006202
	<hr/> 86,218.198	<hr/> \$10,346,183.76	<hr/> 1.000000

\* Partial Supply Only:

Note: Not included in above:

Assessment for Water Connections:

Lexington—seventh of ten payments	\$36,529.46
Needham—ninth of ten payments	85,602.62
Wakefield—tenth and final payment	16,861.20
Waltham—fifth of ten payments	27,511.64

Assessment for Entrance Fees:

Needham—ninth of ten payments	13,281.50
Wakefield—tenth and final payment	10,954.40
Weston—third of ten payments	7,111.93

No water was discharged into Charles River during the year 1967 under the provisions of Chap. 603 of the Acts of 1950.

Credit to Brookline for property acquired: Sixteenth of twenty-five payments—\$1,887.40.

# **COMPARISON OF ASSESSMENTS 1967 and 1968 WITH REVENUE FROM WATER RATES IN 1967**

<i>Cities and Towns</i>	<i>Water Assessments</i>		<i>Water Revenue Received in Cities and Towns 1967</i>
	<i>1967</i>	<i>1968</i>	
Arlington	\$ 224,491.20	\$ 211,907.76	\$ 481,958.10
Belmont	103,218.24	96,627.60	302,523.85
Boston	5,184,144.84	5,348,206.92	9,111,062.56
Brookline	286,061.76	283,658.40	714,069.50
Cambridge	384,295.44	67,680.96	1,606,958.25
Chelsea	168,421.44	173,173.44	466,895.89
Everett	316,786.56	313,501.56	577,483.96
Lexington	178,187.16	174,273.72	495,153.04
Lynnfield Water District	16,789.68	10,855.56	45,772.77
Malden	244,494.00	248,756.76	557,802.96
Marblehead	82,011.96	81,216.24	311,200.44
Medford	292,479.48	313,842.84	639,776.43
Melrose	126,539.16	129,161.64	355,955.84
Milton	107,671.56	103,452.36	315,920.77
Nahant	18,869.04	19,027.20	47,092.37
Needham	42,154.80	41,233.80	366,079.51
Newton	510,146.88	466,798.56	1,058,893.16
Norwood	154,149.60	160,819.20	380,317.24
Peabody	101,126.40	62,678.40	434,233.87
Quincy	422,534.40	433,216.80	1,040,507.98
Revere	152,643.84	149,728.08	247,788.28
Saugus	84,429.24	89,035.80	241,407.20
Somerville	410,700.96	421,896.12	836,457.83
Stoneham	109,638.36	115,191.84	273,540.93
Swampscott	63,313.68	60,172.80	139,937.96
Wakefield	77,456.40	67,596.00	508,943.08
Waltham	389,455.32	395,616.48	912,282.75
Watertown	212,991.72	201,479.04	460,797.11
Weston	13,836.84	13,402.92	199,479.17
Winchester	58,408.56	27,815.28	267,583.03
Winthrop	71,725.32	64,159.68	186,801.75
	<hr/>	<hr/>	<hr/>
	\$10,609,173.84	\$10,346,183.76	\$23,584,677.58



## METROPOLITAN PARKS DISTRICT

### Metropolitan Parks Debt

Gross (and net) June 30, 1968

Bonds outstanding (serial) :

Neponset River Drainage and Flood Control, Act of 1955	\$ 1,061,000.00
Neponset River Drainage and Flood Control, Act of 1961	1,750,000.00
Metropolitan District Beach Erosion Loan Act of 1956	1,422,000.00
Charles River Basin Improvement Loan Act of 1957	2,300,000.00
Charles River Flood Control Act of 1955	515,000.00
Charles River Flood Control Act of 1961	400,000.00
Metropolitan District Park Loan, Act of 1961	4,045,000.00
Mystic River Dam Loan, Act of 1957	5,034,000.00
Mystic River Dam Loan, Act of 1963	8,220,000.00
Metropolitan District Commission Recreational Loan, Act of 1955	500,000.00
Metropolitan District Commission Recreational Loan, Act of 1957	2,871,000.00
Metropolitan District Commission Recreational Loan, Act of 1959	2,916,000.00
Metropolitan District Commission Recreational Loan, Act of 1962	2,505,000.00
Metropolitan District Commission Recreational Loan, Act of 1963	4,600,000.00
Metropolitan District Commission Recreational Loan, Act of 1965	1,000,000.00
<hr/>	
Total net parks debt June 30, 1968	\$39,139,000.00

### Metropolitan Parks Expenses

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage and Flood Control, Act of 1955	\$103,000.00	\$ 31,412.50
Neponset River Drainage and Flood Control, Act of 1961	100,000.00	56,950.00
Metropolitan District Beach Erosion Loan Act of 1956	68,000.00	47,111.25
Charles River Basin Improvement Loan Act of 1957	100,000.00	78,645.00

**Metropolitan Parks Expenses — (Continued)**

Charles River Flood Control Act of 1955	50,000.00	17,587.50	
Charles River Flood Control Act of 1961	25,000.00	12,400.00	
Metropolitan District Park Loan, Act of 1961	273,179.11	117,283.45	
Mystic River Dam Loan, Act of 1957	228,000.00	157,255.00	
Mystic River Dam Loan, Act of 1963	310,000.00	288,090.00	
Metropolitan District Commission Recreational Loan, Act of 1955	50,000.00	16,500.00	
Metropolitan District Commission Recreational Loan, Act of 1957	247,000.00	98,324.50	
Metropolitan District Commission Recreational Loan, Act of 1959	243,000.00	98,168.00	
Metropolitan District Commission Recreational Loan, Act of 1962	175,000.00	90,197.50	
Metropolitan District Commission Recreational Loan, Act of 1963	250,000.00	181,475.00	
Metropolitan District Commission Recreational Loan, Act of 1965	57,380.01	19,922.22	
	<hr/>	<hr/>	
	\$2,279,559.12	\$1,311,321.92	
Interest on Average Monthly Deficit		4,732.01	
	<hr/>	<hr/>	
	\$2,279,559.12	\$1,316,053.93	\$3,595,613.05
Maintenance as appropriated by the Legislature			5,678,858.48
			<hr/>
Total Metropolitan Parks expenses to be assessed			\$9,274,471.53

# METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

## Proportion of Interest, Serial Bonds and Maintenance Requirements as Determined by the Metropolitan District Commission

<i>Cities and Towns</i>	<i>Valuation Ch. 660 Acts of 1963 adj. to nearest \$1,000.00 (000's omitted)</i>	<i>Valuation Per Cent Note 1</i>	<i>Population 1965 Census</i>	<i>Population Per Cent</i>	<i>Average Per Cent Ch. 554 Acts of 1949 Note 2</i>
Arlington	\$ 110,391	.022434	52,482	.026939	.023936
Belmont	94,029	.019109	28,794	.014779	.017666
Boston	1,628,334	.330911	616,326	.316355	.326059
Braintree	61,885	.012576	33,954	.017428	.014193
Brookline	210,814	.042842	53,608	.027517	.037734
Cambridge	249,777	.050760	92,677	.047570	.049697
Canton	22,574	.004587	15,310	.007859	.005678
Chelsea	52,087	.010585	27,098	.013909	.011693
Dedham	61,241	.012445	26,618	.013663	.012851
Dover	11,146	.002265	3,592	.001844	.002125
Everett	164,421	.033414	43,410	.022282	.029703
Hingham	34,740	.007060	17,576	.009022	.007714
Hull	25,999	.005284	8,836	.004535	.005034
Lynn	226,053	.045939	92,653	.047558	.046479
Malden	106,839	.021712	56,142	.028817	.024080
Medford	121,107	.024611	60,429	.031018	.026747
Melrose	70,358	.014298	32,105	.016479	.015025
Milton	77,947	.015840	27,708	.014222	.015301
Nahant	9,081	.001845	4,067	.002088	.001926
Needham	71,924	.014616	29,303	.015041	.014758
Newton	290,472	.059030	88,514	.045434	.054498
Quincy	222,963	.045311	87,158	.044738	.045120
Revere	72,400	.014713	42,394	.021761	.017062
Saugus	37,146	.007549	23,429	.012026	.009041
Somerville	166,267	.033789	86,332	.044314	.037297
Stoneham	34,132	.006936	20,109	.010322	.008065
Swampscott	45,256	.009197	13,995	.007184	.008526
Wakefield	50,158	.010193	25,571	.013125	.011170
Waltham	115,743	.023521	57,134	.029326	.025456
Watertown	99,022	.020123	40,115	.020591	.020279
Wellesley	93,415	.018984	26,297	.013498	.017155
Weston	29,754	.006047	9,848	.005055	.005716
Westwood	24,899	.005060	12,123	.006223	.005448
Weymouth	127,113	.025832	50,468	.025904	.025856
Winchester	62,448	.012691	21,634	.011104	.012162
Winthrop	38,829	.007891	20,398	.010470	.008750
<hr/>					
	\$4,920,764	1.000000	1,948,207	1.000000	1.000000
Cohasset (Note 3) m	18,797	.003805	6,559	.003355	.000292
<hr/>					
Total	\$4,939,561		1,954,766		

Note 1. Serial Bonds and Interest.

Note 2. Maintenance.

Note 3. Nantasket Maintenance (8% of its proportion.)

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

### Total Assessments

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	\$ 51,139.63	\$ 29,524.35	\$ 135,889.47	\$ 216,553.45
Belmont	43,560.10	25,148.47	100,293.42	169,001.99
Boston	754,331.19	435,496.73	1,851,102.24	3,040,930.16
Braintree	28,667.74	16,550.69	80,576.50	125,794.93
Brookline	97,660.87	56,382.39	214,223.47	368,266.73
Cambridge	115,710.42	66,802.90	282,139.82	464,653.14
Canton	10,456.34	6,036.74	32,235.14	48,728.22
Chelsea	24,129.13	13,930.43	66,383.50	104,443.06
Cohasset			1,658.22	1,658.22
Dedham	28,369.11	16,378.29	72,957.70	117,705.10
Dover	5,163.20	2,980.86	12,064.05	20,208.11
Everett	76,169.19	43,974.63	168,629.88	288,773.70
Hingham	16,093.69	9,291.34	43,793.92	69,178.95
Hull	12,045.19	6,954.03	28,579.03	47,578.25
Lynn	104,720.67	60,458.21	263,870.59	429,049.47
Malden	49,493.79	28,574.16	136,706.98	214,774.93
Medford	56,102.23	32,389.40	151,848.08	240,339.71
Melrose	32,593.14	18,816.94	85,299.93	136,710.01
Milton	36,108.22	20,846.29	86,866.84	143,821.35
Nahant	4,205.79	2,428.12	10,934.29	17,568.20
Needham	33,318.04	19,235.44	83,784.12	136,337.60
Newton	134,562.37	77,686.66	309,396.06	521,645.09
Quincy	103,289.10	59,631.72	256,155.28	419,076.10
Revere	33,539.15	19,363.10	96,864.39	149,766.64
Saugus	17,208.39	9,934.89	51,327.57	78,470.85
Somerville	77,024.02	44,468.15	211,742.54	333,234.71
Stoneham	15,811.02	9,128.15	45,786.62	70,725.79
Swampscott	20,965.11	12,103.75	48,403.81	81,472.67
Wakefield	23,235.55	13,414.54	63,414.33	100,064.42
Waltham	53,617.51	30,954.90	144,518.81	229,091.22
Watertown	45,871.56	26,482.95	115,127.94	187,482.45
Wellesley	43,275.15	24,983.97	97,392.37	165,651.49
Weston	13,784.49	7,958.18	32,450.88	54,193.55
Westwood	11,534.57	6,659.23	30,929.39	49,123.19
Weymouth	58,885.57	33,996.31	146,789.69	239,671.57
Winchester	28,929.88	16,702.04	69,046.11	114,678.03
Winthrop	17,988.00	10,384.98	49,675.50	78,048.48
	<b>\$2,279,559.12</b>	<b>\$1,316,053.93</b>	<b>\$5,678,858.48</b>	<b>\$9,274,471.53</b>

# METROPOLITAN PARKS AND SEWERAGE DISTRICTS

## Comparison of Assessments 1967 and 1968

	<i>Parks</i>		<i>Sewerage</i>	
	1967	1968	1967	1968
Arlington	\$ 212,338.36	\$ 216,553.45	\$ 240,865.69	\$ 322,972.40
Ashland			22,269.02	30,121.94
Belmont	165,401.26	169,001.99	144,589.06	163,864.00
Boston	2,978,652.80	3,040,930.16	1,871,454.15	2,056,189.83
Braintree	123,435.00	125,794.93	133,279.22	160,462.31
Brookline	360,186.81	368,266.73	274,445.63	291,915.77
Burlington			40,431.86	86,281.63
Cambridge	455,098.91	464,653.14	1,044,721.95	1,046,854.70
Canton	47,869.36	48,728.22	84,972.47	91,684.16
Chelsea	102,455.79	104,443.06	261,093.19	267,044.78
Cohasset	1,659.33	1,658.22		
Dedham	115,365.20	117,705.10	167,890.65	186,098.61
Dover	19,781.43	20,208.11		
Everett	282,472.91	288,773.70	287,128.22	308,544.95
Framingham			136,355.40	185,308.81
Hingham	67,853.15	69,178.95	34,948.31	38,810.14
Hull	46,583.13	47,578.25		
Lexington			69,203.49	105,995.57
Lynn	420,408.37	429,049.47		
Malden	210,698.98	214,774.93	283,353.66	320,958.14
Medford	235,717.44	240,339.71	487,917.98	521,430.88
Melrose	134,022.70	136,710.01	241,902.30	255,057.51
Milton	140,839.10	143,821.35	233,680.32	240,712.57
Nahant	17,221.37	17,568.20		
Natick			121,630.38	146,257.88
Needham	133,588.24	136,337.60	148,358.07	168,537.09
Newton	510,521.69	521,645.09	629,423.51	672,036.21
Norwood			119,575.05	139,583.93
Quincy	410,550.39	419,076.10	554,382.17	600,775.30
Randolph			74,690.05	92,571.90
Reading			52,417.57	72,396.15
Revere	147,007.45	149,766.64	174,051.87	206,802.91
Saugus	77,056.24	78,470.85		
Somerville	326,890.88	333,234.71	471,116.90	524,981.83
Stonham	69,425.13	70,725.79	116,152.22	128,161.11
Stoughton			43,509.10	62,621.68
Swampscott	79,739.75	81,472.67		
Wakefield	98,150.39	100,064.42	138,422.59	154,428.60
Walpole			50,021.01	63,823.99
Waltham	224,673.27	229,091.22	271,016.50	314,699.06
Watertown	183,697.04	187,482.45	217,570.27	243,299.97
Wellesley	162,072.80	165,651.49	104,841.92	126,664.33
Weston	53,054.58	54,193.55		
Westwood	48,172.66	49,123.19	45,910.93	64,169.76
Weymouth	234,811.52	239,671.57	212,425.99	250,234.83
Wilmington			42,483.01	55,718.00
Winchester	112,288.29	114,678.03	241,221.34	242,017.50
Winthrop	76,567.11	78,048.48	123,690.53	136,030.64
Woburn			265,544.34	296,834.36
	\$9,086,328.83	\$9,274,471.53	\$10,278,957.89	\$11,442,955.73



## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1968

Bonds Outstanding (serial)

Sewerage Loan, North System, Act of 1945 (Ch. 705)	\$ 545,000.00
District Sewerage Loan, Act of 1949 (Ch. 606)	16,916,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	17,658,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	619,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	499,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	703,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	105,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	21,895,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	4,420,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,940,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,785,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	4,455,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	9,485,000.00
Sewerage Loan, South System (Ch. 705)	2,542,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	1,129,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	1,271,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	561,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	352,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	822,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	637,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	703,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	347,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	1,000,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	500,000.00
	\$91,889,000.00

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Expenses

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Sewerage Loan, North System, Act of 1945 (Ch. 705)	\$ 110,000.00	\$ 11,027.50
District Sewerage Loan, Act of 1949 (Ch. 606)	708,600.00	539,762.50
Sewerage Loan, Act of 1951 (Ch. 645)	691,400.00	433,531.25
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	13,618.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	19,271.70	15,358.75
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	15,439.86	24,605.00
North Metropolitan Sewerage Loan, Act of 1955 (Ch. 682)	*— 9,600.00	
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)		3,675.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	536,500.00	646,233.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	110,500.00	134,305.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	60,690.01	71,837.50
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	68,500.00	66,275.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	135,000.00	162,305.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	260,000.00	354,292.50
Sewerage Loan, South System (Ch. 705)	418,000.00	56,137.50
District Sewerage Loan, Act of 1951 (Ch. 527)	54,485.38	24,838.00

# METROPOLITAN SEWERAGE DISTRICT

## Metropolitan Sewerage Expenses — (Continued)

	<i>Serial Bonds</i>	<i>Interest</i>	
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	29,323.25	
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	12,342.00	
District Sewerage Loan, Act of 1954 (Ch. 580)	15,516.20	9,432.50	
District Sewerage Loan, Act of 1955 (Ch. 410)	31,570.84	24,863.75	
District Sewerage Loan, Act of 1955 (Ch. 551)	33,000.00	17,063.75	
District Sewerage Loan, Act of 1957 (Ch. 710)	14,691.16	24,605.00	
District Sewerage Loan, Act of 1957 (Ch. 764)		12,145.00	
Metropolitan Sewerage Loan, South System (Hingham) (Ch. 591)	*—17,447.76		
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	22,380.01	42,875.00	
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	18,690.01	21,437.50	
Interest on Average Monthly Deficit		8,985.67	
	<hr/>	<hr/>	
	\$3,467,235.17	\$2,760,874.92	
* Less Credit	27,047.76		
	<hr/>	<hr/>	
	\$3,440,187.41	\$2,760,874.92	\$6,201,062.33
Maintenance			5,241,893.40
			<hr/>
Total Metropolitan Sewerage Expenses			\$11,442,955.73
North and South Systems combined under Chapter 612, Acts of 1959.			

**METROPOLITAN DISTRICT COMMISSION**  
**Ratios of Contribution on the Basis of G. L. Chap. 92, Sections 5 and 6**  
**and the Census Returns of 1965, as Determined by the**  
**Metropolitan District Commission, Sewerage Division**

	<i>Pro-Rated Demand M.G.D.</i>	<i>Ratios in Percentage for Principal and Interest Fiscal Year Ending June 30, 1969</i>	<i>Population State Census 1965</i>	<i>Ratios in Percentage for Maintenance Fiscal Year ending June 30, 1968</i>
Arlington	23.416	2.74	52,482	2.92
Ashland	0.695	0.08	8,698	0.48
Belmont	10.999	1.29	28,794	1.60
Boston	411.493	17.74†	327,380	18.24
Braintree	8.468	0.99	33,954	1.89
Brookline	18.549	2.18	53,608	2.99
Burlington	4.061	0.47	19,473	1.09
Cambridge	106.923	12.52	92,677	5.16
Canton	6.476	0.76	15,310	0.85
Chelsea	25.830	3.03	27,098	1.51
Dedham	14.872	1.75	26,618	1.48
Everett	25.077	2.93	43,410	2.42
Framingham	4.433	0.52	52,369	2.92
Hingham	2.787	0.33	6,327	0.35
Lexington	2.040	0.23	31,388	1.75
Malden	21.646	2.53	56,142	3.13
Medford	48.427	5.56	60,429	3.37
Melrose	22.201	2.60	32,105	1.79
Milton	22.041	2.58	27,708	1.54
Natick	7.849	0.93	30,365	1.69
Needham	11.436	1.34	29,303	1.63
Newton	56.903	6.67	88,514	4.93
Norwood	7.559	0.89	28,978	1.61
Quincy	47.667	5.58	87,158	4.86
Randolph	3.976	0.47	21,726	1.21
Reading	1.437	0.17	21,188	1.18
Revere	11.454	1.34	42,394	2.36
Somerville	37.514	4.40	86,332	4.81
Stonham	9.592	1.12	20,109	1.12
Stoughton	0.660	0.08	19,686	1.10
Wakefield	11.031	1.29	25,571	1.42
Walpole	2.184	0.26	16,390	0.91
Waltham	19.278	2.26	59,796*	3.33
Watertown	17.365	2.03	40,115	2.24
Wellesley	6.795	0.80	26,297	1.47
Westwood	3.945	0.46	12,123	0.68
Weymouth	14.160	1.66	50,468	2.81
Wilmington	1.586	0.18	15,261	0.85
Winchester	24.573	2.88	21,634	1.21
Winthrop	10.426	1.23	20,398	1.14
Woburn	26.756	3.13	35,149	1.96
Totals	1,114.580	100.00	1,794,925	100.00

\* Including 2662 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hosp. and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

† Boston ratio reduced by 52% according to Section 9, Chap. 612, Acts of 1959.

# METROPOLITAN SEWERAGE DISTRICT

## Total Assessments

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	\$ 94,261.14	\$ 75,647.97	\$ 153,063.29	\$ 322,972.40
Ashland	2,752.15	2,208.70	25,161.09	30,121.94
Belmont	44,378.42	35,615.29	83,870.29	163,864.00
Boston	610,289.25	489,779.22	956,121.36	2,056,189.83
Braintree	34,057.86	27,332.66	99,071.79	160,462.31
Brookline	74,996.09	60,187.07	156,732.61	291,915.77
Burlington	16,168.88	12,976.11	57,136.64	86,281.63
Cambridge	430,711.46	345,661.54	270,481.70	1,046,854.70
Canton	26,145.42	20,982.65	44,556.09	91,684.16
Chelsea	104,237.68	83,654.51	79,152.59	267,044.78
Dedham	60,203.28	48,315.31	77,580.02	186,098.61
Everett	100,797.49	80,893.64	126,853.82	308,544.95
Framingham	17,888.97	14,356.55	153,063.29	185,308.81
Hingham	11,352.62	9,110.89	18,346.63	38,810.14
Lexington	7,912.43	6,350.01	91,733.13	105,995.57
Malden	87,036.74	69,850.14	164,071.26	320,958.14
Medford	191,274.42	153,504.65	176,651.81	521,430.88
Melrose	89,444.87	71,782.75	93,829.89	255,057.51
Milton	88,756.84	71,230.57	80,725.16	240,712.57
Natick	31,993.74	25,676.14	88,588.00	146,257.88
Needham	46,098.51	36,995.72	85,442.86	168,537.09
Newton	229,460.50	184,150.36	258,425.35	672,036.21
Norwood	30,617.67	24,571.78	84,394.48	139,583.93
Quincy	191,962.46	154,056.82	254,756.02	600,775.30
Randolph	16,168.88	12,976.11	63,426.91	92,571.90
Reading	5,848.32	4,693.49	61,854.34	72,396.15
Revere	46,098.51	36,995.72	123,708.68	206,802.91
Somerville	151,368.25	121,478.50	252,135.08	524,981.83
Stoneham	38,530.10	30,921.80	58,709.21	128,161.11
Stoughton	2,752.15	2,208.70	57,660.83	62,621.68
Wakefield	44,378.42	35,615.29	74,434.89	154,428.60
Walpole	8,944.49	7,178.27	47,701.23	63,823.99
Waltham	77,748.24	62,395.77	174,555.05	314,699.06
Watertown	69,835.80	56,045.76	117,418.41	243,299.97
Wellesley	27,521.50	22,087.00	77,055.83	126,664.33
Westwood	15,824.86	12,700.02	35,644.88	64,169.76
Weymouth	57,107.11	45,830.52	147,297.20	250,234.83
Wilmington	6,192.34	4,969.57	44,556.09	55,718.00
Winchester	99,077.39	79,513.20	63,426.91	242,017.50
Winthrop	42,314.30	33,958.76	59,757.58	136,030.64
Woburn	107,677.86	86,415.39	102,741.11	296,834.36
	\$3,440,187.41	\$2,760,874.92	\$5,241,893.40	\$11,442,955.73



## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

	<i>Metropolitan Sewerage</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks</i>	<i>Total</i>
Net Debt June 30, 1968	\$91,889,000.00	\$116,987,000.00	\$39,139,000.00	\$248,015,000.00
Arlington	2,517,758.60	2,396,127.73	878,044.33	5,791,930.66
Ashland	73,511.20			73,511.20
Belmont	1,185,368.10	1,092,541.59	747,907.15	3,025,816.84
Boston	16,301,108.60	60,473,621.96	12,951,525.63	89,726,256.19
Braintree	909,701.10		492,212.06	1,401,913.16
Brookline	2,003,180.20	3,207,432.58	1,676,793.04	6,887,405.82
Burlington	431,878.30			431,878.30
Cambridge	11,504,502.80	765,328.95	1,986,695.64	14,256,527.39
Canton	698,356.40		179,530.59	877,886.99
Chelsea	2,784,236.70	1,958,128.41	414,286.32	5,156,651.43
Dedham	1,608,057.50		487,084.86	2,095,142.36
Dover			88,649.84	88,649.84
Everett	2,692,347.70	3,544,823.09	1,307,790.55	7,544,961.34
Framingham	477,822.80			477,822.80
Hingham	303,233.70		276,321.34	579,555.04
Hull			206,810.48	206,810.48
Lexington	211,344.70	1,970,529.03		2,181,873.73
Lynn			1,798,006.52	1,798,006.52
Lynnfield Water District		122,719.36		122,719.36
Malden	2,324,791.70	2,812,718.44	849,785.97	5,987,296.11
Marblehead		918,347.95		918,347.95
Medford	5,109,028.40	3,548,683.66	963,249.93	9,620,961.99
Melrose	2,389,114.00	1,460,465.71	559,609.42	4,409,189.13
Milton	2,370,736.20	1,169,753.01	619,961.76	4,160,450.97
Nahant		215,139.09	72,211.46	287,350.55
Natick	854,567.70			854,567.70
Needham	1,231,312.60	466,193.20	572,055.62	2,269,561.42
Newton	6,128,996.30	5,278,219.47	2,310,375.17	13,717,590.94
Norwood	817,812.10	1,818,445.93		2,636,258.03
Peabody		708,707.25		708,707.25
Quincy	5,127,406.20	4,898,479.66	1,773,427.23	11,799,313.09
Randolph	431,878.30			431,878.30
Reading	156,211.30			156,211.30
Revere	1,231,312.60	1,693,035.86	575,852.11	3,500,200.57
Saugus		1,006,790.12	295,460.31	1,302,250.43
Somerville	4,043,116.00	4,770,495.89	1,322,467.67	10,136,079.56
Stoneham	1,029,156.80	1,302,533.26	271,468.10	2,603,158.16
Stoughton	73,511.20			73,511.20
Swampscott		680,396.39	359,961.38	1,040,357.77
Wakefield	1,185,368.10	764,276.07	398,943.83	2,348,588.00
Walpole	238,911.40			238,911.40
Waltham	2,076,691.40	4,473,348.91	920,588.42	7,470,628.73
Watertown	1,865,346.70	2,278,204.84	787,594.10	4,931,145.64
Wellesley	735,112.00		743,014.77	1,478,126.77
Weston		151,498.17	236,673.53	388,171.70
Westwood	422,689.40		198,043.34	620,732.74
Weymouth	1,525,357.40		1,011,038.64	2,536,396.04
Wilmington	165,400.20			165,400.20
Winchester	2,646,403.20	314,461.05	496,713.05	3,457,577.30
Winthrop	1,130,234.70	725,553.37	308,845.84	2,164,633.91
Woburn	2,876,125.70			2,876,125.70
	\$91,889,000.00	\$116,987,000.00	\$39,139,000.00	\$248,015,000.00





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*The Commonwealth of Massachusetts*



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University of Massachusetts

# ASSESSMENTS OF THE METROPOLITAN DISTRICTS



Compiled in the Office of  
ROBERT Q. CRANE  
TREASURER AND RECEIVER-GENERAL





# The Commonwealth of Massachusetts

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1969

## ASSESSMENTS FOR INTEREST, SERIAL BONDS AND MAINTENANCE OF THE METROPOLITAN DISTRICTS



PUBLICATION OF THIS DOCUMENT APPROVED BY ALFRED C. HOLLAND, STATE PURCHASING AGENT.

350-1-70-046156

Estimated Cost Per Copy \$2.24

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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1969

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1969, to be paid by the cities and towns comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

Since September 1, 1968, bonds have been issued as follows:

Met. Dist. Comm. Recreational Loan, Act of 1965 (Chapt. 681) . . . . .	\$2,000,000.00
Met. Dist. Comm. Recreation Loan, Act of 1966 (Chapt. 650) . . . . .	3,000,000.00
Metropolitan Sewerage Loan, Act of 1966 (Chapt. 563) . . . . .	1,000,000.00
Met. Water District — Water Use Development Loan (Chapt. 587—1945) (Chapt. 549—1946) . . . . .	3,175,000.00

## Metropolitan Sewer

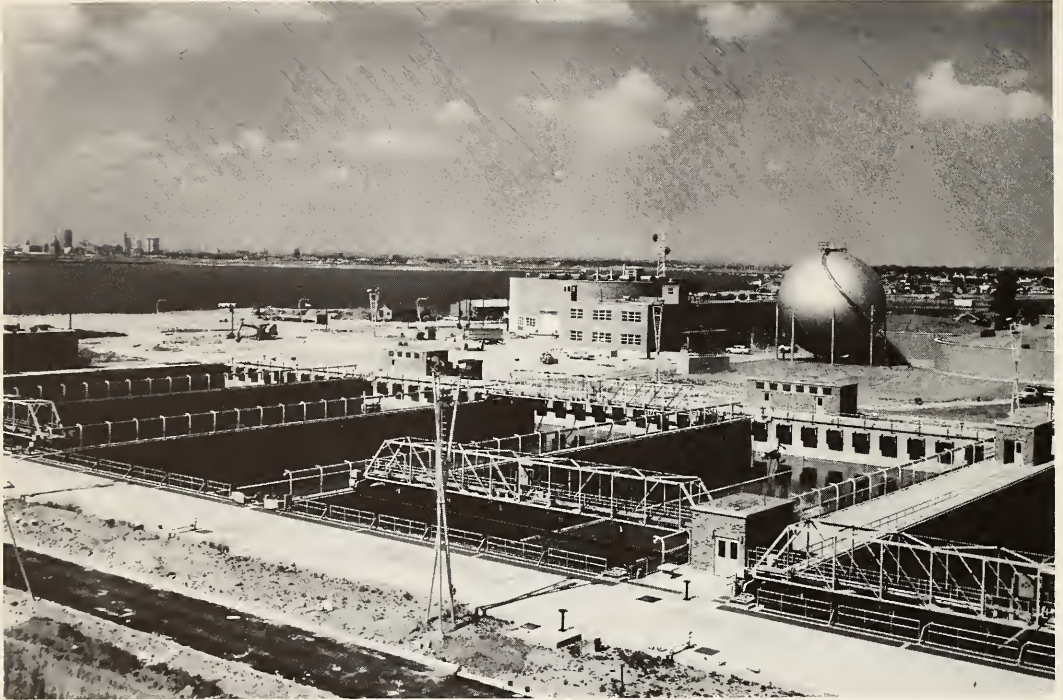
Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system of which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section 5; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connection authorized by law after January first, nineteen hundred and sixty





or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefitted by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefitted cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefitted shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by

the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## Metropolitan Water

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water





district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.



## Metropolitan Parks



SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be

paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949). The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE  
*Treasurer and Receiver-General*

**TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1969**

<i>Cities and Towns</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks and Boulevards</i>	<i>Metropolitan Sewerage System</i>	<i>Total</i>
Arlington	\$ 231,233.76	\$ 244,562.10	\$ 274,753.89	\$ 750,549.75
Ashland			25,881.67	25,881.67
Belmont	108,763.56	190,241.23	130,072.54	429,077.33
Boston	5,673,420.96	3,428,198.99	3,740,248.69	12,841,868.64
Braintree		142,251.81	131,328.87	273,580.68
Brookline	312,758.40	414,096.10	230,476.36	957,330.86
Burlington			68,381.54	68,381.54
Cambridge	60,378.60	523,744.16	795,495.57	1,379,618.33
Canton		55,212.07	73,304.39	128,516.46
Chelsea	188,148.84	118,043.67	205,030.48	511,222.99
Cohasset		1,924.19		1,924.19
Dedham		132,831.88	146,510.75	279,342.63
Dover		22,757.34		22,757.34
Everett	331,367.88	324,784.59	242,793.26	898,945.73
Framingham			157,123.84	157,123.84
Hingham		78,170.50	31,532.65	109,703.15
Hull		53,597.28		53,597.28
Lexington	186,193.20		141,979.37	328,172.57
Lynn		483,983.11		483,983.11
Lynnfield Water District	11,930.16			11,930.16
Malden	282,575.88	242,761.19	257,324.23	782,661.30
Marblehead	86,915.76			86,915.76
Medford	335,372.88	271,548.83	392,905.05	999,826.76
Melrose	124,015.20	154,345.86	198,764.04	477,125.10
Milton	106,081.92	162,070.20	187,074.82	455,226.94
Nahant	20,348.40	19,836.49		40,184.89
Natick			119,516.01	119,516.01
Needham	45,018.00	153,787.67	135,256.04	334,061.71
Newton	500,203.08	587,198.54	525,834.33	1,613,235.95
Norwood	169,510.80		113,980.46	283,491.26
Peabody	56,008.80			56,008.80
Quincy	475,392.60	472,567.15	473,370.44	1,421,330.19
Randolph			76,462.07	76,462.07
Reading			61,913.49	61,913.49
Revere	163,917.24	169,454.76	168,610.38	501,982.38
Saugus	100,108.56	88,851.63		188,960.19
Somerville	446,538.12	376,632.36	419,898.95	1,243,069.43
Stoneham	130,852.92	80,029.22	95,382.89	306,265.03
Stoughton			53,835.44	53,835.44
Swampscott	74,793.84	39,601.09		114,394.93
Wakefield	66,207.60	113,075.50	120,181.20	299,464.30
Walpole			53,441.57	53,441.57
Waltham	433,131.96	258,810.63	253,121.18	945,063.77
Watertown	208,383.84	211,470.81	193,838.27	613,692.92
Wellesley		186,377.94	102,863.18	289,241.12
Weston	15,816.48	61,035.73		76,852.21
Westwood		55,489.30	51,812.02	107,301.32
Weymouth		270,287.42	203,472.47	473,759.89
Wilmington			46,282.82	46,282.82
Winchester	42,365.04	129,205.63	167,720.46	339,291.13
Winthrop	72,512.88	88,220.37	106,949.38	267,682.63
Woburn			212,244.27	212,244.27
	\$ 11,060,267.16	\$ 10,407,057.34	\$ 11,186,969.33	\$ 32,654,293.83

## METROPOLITAN WATER DISTRICT

### Metropolitan Water Debt

Gross (and net) debt June 30, 1969

Bonds Outstanding (serial)

Additional Water	\$ 7,260,000.00
Water Use Development Loan	52,224,000.00
Water Main Loan, Act of 1949	1,320,000.00
Water Main Loan, Act of 1954	845,000.00
Water Main Loan, Act of 1957	1,417,000.00
Water Main Loan, Act of 1959	1,103,000.00
Water Loan, Act of 1950	8,985,000.00
Water Loan, Act of 1952	4,915,000.00
Clinton Sewage Loan, Act of 1954	342,000.00
Metropolitan Water District Additional Loan, Act of 1956	16,858,000.00
Metropolitan Water District Additional Loan, Act of 1961	9,205,000.00
Metropolitan Water District Additional Loan, Act of 1962	8,645,000.00
Metropolitan Water District Additional Loan, Act of 1964	1,390,000.00

Total Net Water Debt June 30, 1969

\$114,509,000.00

### Metropolitan Water Expenses

*Debt Service:*

	<i>Serial Bonds</i>	<i>Interest</i>
Additional Water Loan	\$ 1,264,000.00	\$ 133,575.00
Water Use Development Loan	2,677,000.00	1,537,182.25
Water Main Loan, Act of 1949	110,000.00	24,310.00
Water Main Loan, Act of 1954	53,000.00	22,560.00
Water Main Loan, Act of 1957	75,000.00	49,920.00
Water Main Loan, Act of 1959	49,000.00	37,141.25
Water Loan, Act of 1950	387,000.00	222,942.50
Water Loan, Act of 1952	155,000.00	152,412.50
Clinton Sewage Loan, Act of 1954	22,000.00	6,177.50
Metropolitan Water District Additional Loan, Act of 1956	411,000.00	568,048.25
Metropolitan Water District Additional Loan, Act of 1961	205,000.00	191,550.00
Metropolitan Water District Additional Loan, Act of 1962	190,000.00	370,621.25
Metropolitan Water District Additional Loan, Act of 1964	55,000.00	50,575.00
Interest on Average Monthly Deficit		5,933.75

\$ 5,653,000.00

\$ 3,372,949.25

\$ 9,025,949.25

Brookline Credit for Property Acquired

1,887.40

Amount assessed for Net Debt

\$ 9,027,836.65



The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G. L. C. 92, S. 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1969:

*Fund Requirements — July 1, 1968* \$ 3,177,097.29

Fiscal Year Charges:

* Appropriations	\$ 15,172,254.80
Appropriation of Restricted Revenue	20,637.50
Expenditures Authorized — Not Appropriated	7,821.15
Authorized Transfers	98,392.59
	<hr/>
	\$ 15,299,106.04

Deduct Reversions:

# Appropriations	\$ 300,551.54		
Accounts Payable	59,419.20	359,970.74	14,939,135.30
	<hr/>	<hr/>	
Total Charges			18,116,232.59

Operating Revenues:

District Assessments	\$ 10,559,121.71	
Proceeds from Sale of Water Use		
Development Loan Bonds	3,175,000.00	
Other Direct Revenue	985,508.03	
	<hr/>	
Total Revenue		14,719,629.74

*Fund Requirements — June 30, 1969* \$ 3,396,602.85

* Includes Appropriation for Debt Service	9,030,165.00
# Includes Appropriation Balances Reverted on Debt Service Accounts	30,787.00

# METROPOLITAN WATER ASSESSMENT FOR 1968

	<i>Total Consumption for 1968 in Million Gallons</i>	<i>1969 Charge at \$120 per mil. gals. (Chap. 723, Acts of 1962)</i>	<i>Proportion for Computing Share of Debt</i>
Arlington	1,926.948	\$ 231,233.76	.020907
Belmont	906.363	108,763.56	.009834
Boston	47,278.508	5,673,420.96	.512955
Brookline	2,606.320	312,758.40	.028278
Cambridge *	503.155	60,378.60	.005459
Chelsea	1,567.907	188,148.84	.017012
Everett	2,761.399	331,367.88	.029961
Lexington	1,551.610	186,193.20	.016834
Lynnfield Water District	99.418	11,930.16	.001079
Malden	2,354.799	282,575.88	.025549
Marblehead	724.298	86,915.76	.007858
Medford	2,794.774	335,372.88	.030322
Melrose	1,033.460	124,015.20	.011213
Milton	884.016	106,081.92	.009591
Nahant	169.570	20,348.40	.001840
Nedham *	375.150	45,018.00	.004070
Newton	4,168.359	500,203.08	.045225
Norwood	1,412.590	169,510.80	.015326
Peabody *	466.740	56,008.80	.005064
Quincy	3,961.605	475,392.60	.042982
Revere	1,365.977	163,917.24	.014820
Saugus	834.238	100,108.56	.009051
Somerville	3,721.151	446,538.12	.040373
Stoneham	1,090.441	130,852.92	.011831
Swampscott	623.282	74,793.84	.006762
Wakefield *	551.730	66,207.60	.005986
Waltham	3,609.433	433,131.96	.039161
Watertown	1,736.532	208,383.84	.018841
Weston *	131.804	15,816.48	.001430
Winchester *	353.042	42,365.04	.003830
Winthrop	604.274	72,512.88	.006556
<b>Total</b>	<b>92,168.893</b>	<b>\$11,060,267.16</b>	<b>1.000000</b>

\* Partial Supply Only:

Note: Not included in above:

Assessment for Water Connections:

Lexington—eighth of Ten payments	\$ 36,529.46
Needham—tenth and Final Payment	85,602.62
Waltham—sixth of ten payments	27,511.64

Assessment for Entrance Fees:

Needham—tenth and Final Payment	13,281.50
Weston—fourth of ten payments	7,111.92

No water was discharged into Charles River during the year 1968 under the provisions of Chapt. 603 of the Acts of 1950.

Credit to Brookline for property acquired: Seventeenth of twenty-five payments — \$1,887.40.

**COMPARISON OF ASSESSMENTS 1968 and 1969  
WITH REVENUE FROM WATER RATES IN 1968**

<i>Cities and Towns</i>	<i>Water Assessments</i>		<i>Water Revenue Received in Cities and Towns 1968</i>
	1968	1969	
Arlington	\$ 211,907.76	\$ 231,233.76	\$ 602,749.39
Belmont	96,627.60	108,763.56	320,726.63
Boston	5,348,206.92	5,673,420.96	9,445,972.60
Brookline	283,658.40	312,758.40	747,597.13
Cambridge	67,680.96	60,378.60	1,544,892.70
Chelsea	173,173.44	188,148.84	497,492.84
Everett	313,501.56	331,367.88	620,838.92
Lexington	174,273.72	186,193.20	472,361.43
Lynnfield Water District	10,855.56	11,930.16	99,783.55
Malden	248,756.76	282,575.88	558,260.20
Marblehead	81,216.24	86,915.76	314,135.70
Medford	313,842.84	335,372.88	673,777.45
Melrose	129,161.64	124,015.20	334,812.01
Milton	103,452.36	106,081.92	367,373.10
Nahant	19,027.20	20,348.40	52,308.84
Needham	41,233.80	45,018.00	386,797.38
Newton	466,798.56	500,203.08	1,148,972.61
Norwood	160,819.20	169,510.80	386,834.36
Peabody	62,678.40	56,008.80	493,462.42
Quincy	433,216.80	475,392.60	1,062,229.62
Revere	149,728.08	163,917.24	291,272.80
Saugus	89,035.80	100,108.56	238,961.00
Somerville	421,896.12	446,538.12	850,277.24
Stonham	115,191.84	130,852.92	238,300.91
Swampscott	60,172.80	74,793.84	170,343.51
Wakefield	67,596.00	66,207.60	518,882.90
Waltham	395,616.48	433,131.96	1,017,724.40
Watertown	201,479.04	208,383.84	538,918.42
Weston	13,402.92	15,816.48	209,257.74
Winchester	27,815.28	42,365.04	256,875.32
Winthrop	64,159.68	72,512.88	192,715.08
	<hr/> 10,346,183.76	<hr/> \$11,060,267.16	<hr/> \$24,654,908.20

## METROPOLITAN PARKS DISTRICT

### Metropolitan Parks Debt

Gross (and net) June 30, 1969

Bonds outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955	\$ 958,000.00
Neponset River Drainage and Flood Control, Act of 1961	1,650,000.00
Metropolitan District Beach Erosion Loan, Act of 1956	1,355,000.00
Charles River Basin Improvement Loan, Act of 1957	2,200,000.00
Charles River Flood Control Act of 1955	465,000.00
Charles River Flood Control Act of 1961	375,000.00
Metropolitan District Park Loan, Act of 1961	3,770,000.00
Mystic River Dam Loan, Act of 1957	4,806,000.00
Mystic River Dam Loan, Act of 1963	7,910,000.00
Metropolitan District Commission Recreational Loan, Act of 1955	450,000.00
Metropolitan District Commission Recreational Loan, Act of 1957	2,624,000.00
Metropolitan District Commission Recreational Loan, Act of 1959	2,673,000.00
Metropolitan District Commission Recreational Loan, Act of 1962	2,330,000.00
Metropolitan District Commission Recreational Loan, Act of 1963	4,350,000.00
Metropolitan District Commission Recreational Loan, Act of 1965	2,940,000.00
Metropolitan District Commission Recreation Loan, Act of 1966	1,000,000.00

Total net parks debt June 30, 1969	\$39,856,000.00
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### Metropolitan Parks Expenses

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage and Flood Control, Act of 1955	\$103,000.00	\$ 28,479.50
Neponset River Drainage and Flood Control, Act of 1961	100,000.00	53,700.00
Metropolitan District Beach Erosion Loan Act of 1956	67,000.00	44,943.75
Charles River Basin Improvement Loan Act of 1957	100,000.00	75,255.00



**Metropolitan Parks Expenses (Continued)**

Charles River Flood Cntrol Act of 1955	50,000.00	16,012.50	
Charles River Flood Control Act of 1961	25,000.00	11,625.00	
Metropolitan District Park Loan, Act of 1961	275,000.00	126,042.50	
Mystic River Dam Loan, Act of 1957	228,000.00	150,235.00	
Mystic River Dam Loan, Act of 1963	310,000.00	277,420.00	
Metropolitan District Commission Recreational Loan, Act of 1955	50,000.00	15,000.00	
Metropolitan District Commission Recreational Loan, Act of 1957	247,000.00	90,297.50	
Metropolitan District Commission Recreational Loan, Act of 1959	243,000.00	90,205.00	
Metropolitan District Commission Recreational Loan, Act of 1962	175,000.00	84,100.00	
Metropolitan District Commission Recreational Loan, Act of 1963	250,000.00	171,875.00	
Metropolitan District Commission Recreational Loan, Act of 1965	171,400.00	82,280.00	
Metropolitan District Commission Recreation Loan, Act of 1966	85,501.16	10,466.67	
	<hr/>	<hr/>	
	\$2,479,901.16	\$1,327,937.42	
Interest on Average Monthly Deficit		9,517.95	
	<hr/>	<hr/>	
	\$2,479,901.16	1,337,455.37	\$ 3,817,356.53
Maintenance as appropriated by the Legislature			6,589,700.81
			<hr/>
Total Metropolitan Parks expenses to be assessed			\$10,407,057.34

# **METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**

## **Proportion of Interest, Serial Bonds and Maintenance Requirements as Determined by the Metropolitan District Commission**

<i>Cities and Towns</i>	<i>Valuation Ch. 660 Acts of 1963 adj. to nearest \$1,000.00 (000's omitted)</i>	<i>Valuation Per Cent Note 1</i>	<i>Population 1965 Census</i>	<i>Population Per Cent</i>	<i>Average Per Cent Ch. 554 Acts of 1949 Note 2</i>
Arlington	\$ 110,391	.022434	52,482	.026939	.024124
Belmont	94,029	.019109	28,794	.014779	.017805
Boston	1,628,334	.330911	616,326	.316355	.328638
Braintree	61,885	.012576	33,954	.017428	.014306
Brookline	210,814	.042842	53,608	.027517	.038033
Cambridge	249,777	.050760	92,677	.047570	.050089
Canton	22,574	.004587	15,310	.007859	.005723
Chelsea	52,087	.010585	27,098	.013909	.011785
Dedham	61,241	.012445	26,618	.013663	.012952
Dover	11,146	.002265	3,592	.001844	.002142
Everett	164,421	.033414	43,410	.022282	.029939
Hingham	34,740	.007060	17,576	.009022	.007775
Hull	25,999	.005284	8,836	.004535	.005074
Lynn	226,053	.045939	92,653	.047558	.046847
Malden	106,839	.021712	56,142	.028817	.024269
Medford	121,107	.024611	60,429	.031018	.026959
Melrose	70,358	.014298	32,105	.016479	.015144
Milton	77,947	.015840	27,708	.014222	.015423
Nahant	9,081	.001845	4,067	.002088	.001942
Needham	71,924	.014616	29,303	.015041	.014875
Newton	290,472	.059030	88,514	.045434	.054929
Quincy	222,963	.045311	87,158	.044738	.045478
Revere	72,400	.014713	42,394	.021761	.017197
Saugus	37,146	.007549	23,429	.012026	.009113
Somerville	166,267	.033789	86,332	.044314	.037592
Stoneham	34,132	.006936	20,109	.010322	.008129
Swampscott	45,256	.009197	13,995	.007184	.000682(4)
Wakefield	50,158	.010193	25,571	.013125	.011258
Waltham	115,743	.023521	57,134	.029326	.025657
Watertown	99,022	.020123	40,115	.020591	.020440
Wellesley	93,415	.018984	26,297	.013498	.017291
Weston	29,754	.006047	9,848	.005055	.005761
Westwood	24,899	.005060	12,123	.006223	.005491
Weymouth	127,113	.025832	50,468	.025904	.026060
Winchester	62,448	.012691	21,634	.011104	.012259
Winthrop	38,829	.007891	20,398	.010470	.008819
<hr/>					
	\$4,920,764	1.000000	1,948,207	1.000000	1.000000
Cohasset (Note 3) m	18,797	.003805	6,559	.003355	.000292
<hr/>					
Total	\$4,939,561		1,954,766		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8% of its proportion.)

Note 4. Swampscott Maintenance — Ch. 405 of 1968

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

### Total Assessments

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	\$ 55,634.10	30,004.47	158,923.53	244,562.10
Belmont	47,388.43	25,557.44	117,295.36	190,241.23
Boston	820,626.57	442,578.69	2,164,993.73	3,428,198.99
Braintree	31,187.24	16,819.84	94,244.73	142,251.81
Brookline	106,243.93	57,299.26	250,552.91	414,096.10
Cambridge	125,879.78	67,889.24	329,975.14	523,744.16
Canton	11,375.31	6,134.91	37,701.85	55,212.07
Chelsea	26,249.75	14,156.97	77,636.95	118,043.67
Cohasset			1,924.19	1,924.19
Dedham	30,862.37	16,644.63	85,324.88	132,831.88
Dover	5,616.98	3,029.34	14,111.02	22,757.34
Everett	82,863.42	44,689.73	197,231.44	324,784.59
Hingham	17,508.10	9,442.44	51,219.96	78,170.50
Hull	13,103.79	7,067.11	33,426.38	53,597.28
Lynn	113,924.18	61,441.36	308,617.57	483,983.11
Malden	53,843.61	29,038.83	159,878.75	242,761.19
Medford	61,032.85	32,916.11	177,599.87	271,548.83
Melrose	35,457.63	19,122.94	99,765.29	154,345.86
Milton	39,281.63	21,185.29	101,603.28	162,070.20
Nahant	4,575.42	2,467.61	12,793.46	19,836.49
Needham	36,246.24	19,548.25	97,993.18	153,787.67
Newton	146,388.57	78,949.99	361,859.98	587,198.54
Quincy	112,366.80	60,601.44	299,598.91	472,567.15
Revere	36,486.79	19,677.98	113,289.99	169,454.76
Saugus	18,720.77	10,096.45	60,034.41	88,851.63
Somerville	83,793.38	45,191.28	247,647.70	376,632.36
Stoneham	17,200.59	9,276.59	53,552.04	80,029.22
Swampscott	22,807.65	12,300.58	4,492.86	39,601.09
Wakefield	25,277.63	13,632.68	74,165.19	113,075.50
Waltham	58,329.76	31,458.29	169,022.58	258,810.63
Watertown	49,903.05	26,913.61	134,654.15	211,470.81
Wellesley	47,078.44	25,390.25	113,909.25	186,377.94
Weston	14,995.96	8,087.59	37,952.18	61,035.73
Westwood	12,548.30	6,767.52	36,173.48	55,489.30
Weymouth	64,060.81	34,549.15	171,677.46	270,287.42
Winchester	31,472.43	16,973.65	80,759.55	129,205.63
Winthrop	19,568.90	10,553.86	58,097.61	88,220.37
	\$2,479,901.16	\$1,337,455.37	\$6,589,700.81	\$10,407,057.34

**METROPOLITAN PARKS AND SEWERAGE DISTRICTS**  
**Comparison of Assessments 1968 and 1969**

	<i>Parks</i>		<i>Sewerage</i>	
	1968	1969	1968	1969
Arlington	\$ 216,553.45	\$ 244,562.10	\$ 322,972.40	274,753.89
Ashland			30,121.94	25,881.67
Belmont	169,001.99	190,241.23	163,864.00	130,072.54
Boston	3,040,930.16	3,428,198.99	2,056,189.83	3,740,248.69
Braintree	125,794.93	142,251.81	160,462.31	131,328.87
Brookline	368,266.73	414,096.10	291,915.77	230,476.36
Burlington			86,281.63	68,381.54
Cambridge	464,653.14	523,744.16	1,046,854.70	795,495.57
Canton	48,728.22	55,212.07	91,684.16	73,304.39
Chelsea	104,443.06	118,043.67	267,044.78	205,030.48
Cohasset	1,658.22	1,924.19		
Dedham	117,705.10	132,831.88	186,098.61	146,510.75
Dover	20,208.11	22,757.34		
Everett	288,773.70	324,784.59	308,544.95	242,793.26
Framingham			185,308.81	157,123.84
Hingham	69,178.95	78,170.50	38,810.14	31,532.65
Hull	47,578.25	53,597.28		
Lexington			105,995.57	141,979.37
Lynn	429,049.47	483,983.11		
Malden	214,774.93	242,761.19	320,958.14	257,324.23
Medford	240,339.71	271,548.83	521,430.88	392,905.05
Melrose	136,710.01	154,345.86	255,057.51	198,764.04
Milton	143,821.35	162,070.20	240,712.57	187,074.82
Nahant	17,568.20	19,836.49		
Natick			146,257.88	119,516.01
Needham	136,337.60	153,787.67	168,537.09	135,256.04
Newton	521,645.09	587,198.54	672,036.21	525,834.33
Norwood			139,583.93	113,980.46
Quincy	419,076.10	472,567.15	600,775.30	473,370.44
Randolph			92,571.90	76,462.07
Reading			72,396.15	61,913.49
Revere	149,766.64	169,454.76	206,802.91	168,610.38
Saugus	78,470.85	88,851.63		
Somerville	333,234.71	376,632.36	524,981.83	419,898.95
Stoneham	70,725.79	80,029.22	128,161.11	95,382.89
Stoughton			62,621.68	53,835.44
Swampscott	81,472.67	39,601.09		
Wakefield	100,064.42	113,075.50	154,428.60	120,181.20
Walpole			63,823.99	53,441.57
Waltham	229,091.22	258,810.63	314,699.06	253,121.18
Watertown	187,482.45	211,470.81	243,299.97	193,838.27
Wellesley	165,651.49	186,377.94	126,664.33	102,863.18
Weston	54,193.55	61,035.73		
Westwood	49,123.19	55,489.30	64,169.76	51,812.02
Weymouth	239,671.57	270,287.42	250,234.83	203,472.47
Wilmington			55,718.00	46,282.82
Winchester	114,678.03	129,205.63	242,017.50	167,720.46
Winthrop	78,048.48	88,220.37	136,030.64	106,949.38
Woburn			296,834.36	212,244.27
	\$9,274,471.53	\$10,407,057.34	\$11,442,955.73	\$11,186,969.33



**METROPOLITAN SEWERAGE DISTRICT****Metropolitan Sewerage Debt**

Gross (and net) debt June 30, 1969

Bonds Outstanding (serial)

Sewerage Loan, North System, Act of 1945 (Ch. 705)	\$ 435,000.00
District Sewerage Loan, Act of 1949 (Ch. 606)	16,079,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	16,885,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	582,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	474,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	670,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	100,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	21,252,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	4,290,000.00
Mertopolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,860,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,700,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	4,320,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	9,210,000.00
Sewerage Loan, South System (Ch. 705)	2,124,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	1,062,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	1,198,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	528,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	334,000.00
Disrict Sewerage Loan, Act of 1955 (Ch. 410)	780,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	604,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	670,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	330,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	1,975,000.00
Metropolitant District Sewerage Relief Loan, Act of 1966 (Ch. 565)	480,000.00
	<hr/>
	\$88,942,000.00

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Expenses

<i>Debt Service:</i>	<i>Serial Bonds:</i>	<i>Interest</i>
Sewerage Loan, North System, Act of 1945 (Ch. 705)	\$ 85,000.00	\$ 8,932.50
District Sewerage Loan, Act of 1949 (Ch. 606)	695,700.00	512,985.00
Sewerage Loan, Act of 1951 (Ch. 645)	681,600.00	415,227.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	12,804.00
District Sewerage Loan, North District, Act of 1954 (Ch. 452)	21,400.00	14,581.25
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	15,439.86	23,450.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)		3,500.00
Metropolitan Sewerage Loan, Act of of 1961 (Ch. 515)	451,100.00	627,115.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	130,325.00
Metropolitan District Sewerage Rielief Loan, Act of 1962 (Ch. 593)	56,000.00	69,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	64,180.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	94,500.00	157,295.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	192,500.00	343,877.50
Sewerage Loan, South System (Ch. 705)	343,000.00	47,362.50
District Sewerage Loan, Act of 1951 (Ch. 527)	54,485.38	23,364.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	27,634.75

**Metropolitan Sewerage Expenses (Continued)**

District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	11,616.00	
District Sewerage Loan, Act of 1954 (Ch. 580)	18,000.00	8,937.50	
District Sewerage Loan, Act of 1955 (Ch. 410)	31,570.84	23,581.25	
District Sewerage Loan, Act of 1955 (Ch. 551)	33,000.00	16,156.25	
District Sewerage Loan, Act of 1957 (Ch. 710)	14,766.67	23,450.00	
District Sewerage Loan, Act of 1957 (Ch. 764)		11,550.00	
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	45,700.00	85,125.00	
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	17,000.00	21,600.00	
Interest on Average Monthly Deficit		28,981.23	
	<hr/>	<hr/>	
	\$3,144,262.75	\$2,713,531.23	\$ 5,857,793.98
Maintenance			\$ 5,329,175.35
Total Metropolitan Sewerage Expenses			<hr/> \$11,186,969.33

North and South Systems combined under Chapter 612, Acts of 1959.

# **METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION**

**Ratios of Contribution on the Basis of G. L. Chap. 92, Sections 5 and 6  
and the Census Returns of 1965, as Determined by the  
Metropolitan District Commission, Sewerage Division**

<i>City or Town</i>	<i>Estimated Pro-Rated Demand M.G.D.</i>	<i>Ratios for Principal and Interest Fiscal Year Ending June 30, 1970</i>	<i>Population State Census 1965</i>	<i>Ratios for Maintenance Fiscal Year Ending June 30, 1969</i>
Arlington	26.744	.023989	52,482	.025188
Ashland	0.693	.000621	8,698	.004174
Belmont	10.740	.009634	28,794	.013818
Boston	411.842	.369418	616,326	.295782
Braintree	8.468	.007595	33,954	.016295
Brookline	17.781	.015949	53,608	.025717
Burlington	3.535	.003171	19,473	.009346
Cambridge	106.285	.095337	92,677	.044478
Canton	6.500	.005830	15,310	.007347
Chelsea	25.830	.023169	27,098	.013006
Dedham	14.927	.013390	26,618	.012774
Everett	25.077	.022494	43,410	.020834
Framingham	4.413	.003959	52,369	.025132
Hingham	2.787	.002500	6,604	.003169
Lexington	11.744	.010534	31,388	.015063
Malden	21.646	.019416	56,142	.026944
Medford	45.363	.040690	60,429	.029001
Melrose	22.201	.019914	32,105	.015408
Milton	22.117	.019839	27,708	.013297
Natick	7.966	.007145	30,365	.014573
Needham	11.478	.010296	29,303	.014063
Newton	56.992	.051121	88,514	.042479
Norwood	7.586	.006805	28,978	.013908
Quincy	47.667	.042757	87,158	.041828
Randolph	3.976	.003567	21,726	.010427
Reading	1.470	.001319	21,188	.010168
Revere	11.454	.010274	42,394	.020346
Somerville	37.892	.033989	86,332	.041432
Stoneham	8.365	.007503	20,109	.009651
Stoughton	0.663	.000595	19,686	.009448
Wakefield	10.425	.009351	25,571	.012273
Walpole	2.193	.001967	16,390	.007866
Waltham	19.278	.017292	59,366 *	.028490
Watertown	17.365	.015576	40,115	.019252
Wellesley	6.776	.006078	26,297	.012621
Westwood	3.960	.003552	12,123	.005818
Weymouth	14.160	.012701	50,468	.024220
Wilmington	1.380	.001238	15,261	.007324
Winchester	21.389	.019186	21,634	.010383
Winthrop	10.426	.009352	20,398	.009789
Woburn	23.286	.020887	35,149	.016868
Totals:	1,114.840	1.000000	2,083,718	1.000000

\* Including 2232 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.



<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington.	\$ 75,427.72	\$ 65,094.90	\$ 134,231.27	\$ 274,753.89
Ashland	1,952.59	1,685.10	22,243.98	25,881.67
Belmont	30,291.83	26,142.16	73,638.55	130,072.54
Boston	1,161,547.26	1,002,427.28	1,576,274.15	3,740,248.69
Braintree	23,880.68	20,609.27	86,838.92	131,328.87
Brookline	50,147.85	43,278.11	137,050.40	230,476.36
Burlington	9,970.46	8,604.61	49,806.47	68,381.54
Cambridge	299,764.58	258,699.93	237,031.06	795,495.57
Canton	18,331.05	15,819.89	39,153.45	73,304.39
Chelsea	72,849.42	62,869.81	69,311.25	205,030.48
Dedham	42,101.68	36,334.18	68,074.89	146,510.75
Everett	70,727.05	61,038.17	111,028.04	242,793.26
Framingham	12,448.14	10,742.87	133,932.83	157,123.84
Hingham	7,860.66	6,783.83	16,888.16	31,532.65
Lexington	33,121.66	28,584.34	80,273.37	141,979.37
Malden	61,049.01	52,685.92	143,589.30	257,324.23
Medford	127,940.05	110,413.59	154,551.41	392,905.05
Melrose	62,614.85	54,037.26	82,111.93	198,764.04
Milton	62,379.03	53,833.75	70,862.04	187,074.82
Natick	22,465.76	19,388.18	77,662.07	119,516.01
Needham	32,373.33	27,938.52	74,944.19	135,256.04
Newton	160,737.86	138,718.43	226,378.04	525,834.33
Norwood	21,396.71	18,465.58	74,118.17	113,980.46
Quincy	134,439.24	116,022.45	222,908.75	473,370.44
Randolph	11,215.59	9,679.17	55,567.31	76,462.07
Reading	4,147.28	3,579.15	54,187.06	61,913.49
Revere	32,304.16	27,878.82	108,427.40	168,610.38
Somerville	106,870.35	92,230.21	220,798.39	419,898.95
Stoneham	23,591.40	20,359.62	51,431.87	95,382.89
Stoughton	1,870.84	1,614.55	50,350.05	53,835.44
Wakefield	29,402.00	25,374.23	65,404.97	120,181.20
Walpole	6,184.76	5,337.52	41,919.29	53,441.57
Waltham	54,370.59	46,922.38	151,828.21	253,121.18
Watertown	48,975.03	42,265.96	102,597.28	193,838.27
Wellesley	19,110.82	16,492.84	67,259.52	102,863.18
Westwood	11,168.42	9,638.46	31,005.14	51,812.02
Weymouth	39,935.28	34,464.56	129,072.63	203,472.47
Wilmington	3,892.59	3,359.35	39,030.88	46,282.82
Winchester	60,325.82	52,061.81	55,332.83	167,720.46
Winthrop	29,405.14	25,376.94	52,167.30	106,949.38
Woburn	65,674.21	56,677.53	89,892.53	212,244.27
	\$3,144,262.75	\$2,713,531.23	\$5,329,175.35	\$11,186,969.33

# STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

	<i>Metropolitan Sewerage</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks</i>	<i>Total</i>
Net Debt June 30, 1969	\$88,942,000.00	\$114,509,000.00	\$39,856,000.00	\$243,307,000.00
Arlington	2,133,629.64	2,394,039.66	894,129.50	5,421,798.80
Ashland	55,232.99			55,232.99
Belmont	856,867.23	1,126,081.51	761,608.30	2,744,557.04
Boston	32,856,775.76	58,737,964.09	13,188,788.82	104,783,528.67
Braintree	675,514.49		501,229.06	1,176,743.55
Brookline	1,418,535.96	3,238,085.50	1,707,510.75	6,364,132.21
Burlington	282,035.08			282,035.08
Cambridge	8,479,463.45	625,104.63	2,023,090.56	11,127,658.64
Canton	518,531.86		182,819.47	701,351.33
Chelsea	2,060,697.20	1,948,027.11	421,875.76	4,430,600.07
Dedham	1,190,933.38		496,007.92	1,686,941.30
Dover			90,273.84	90,273.84
Everett	2,000,661.35	3,430,804.15	1,331,748.38	6,763,213.88
Framingham	352,121.38			352,121.38
Hingham	222,355.00		281,383.36	503,738.36
Hull			210,599.10	210,599.10
Lexington	936,915.03	1,927,644.51		2,864,559.54
Lynn			1,830,944.78	1,830,944.78
Lynnfield Water District		123,555.21		123,555.21
Malden	1,726,897.87	2,925,590.44	865,353.47	5,517,841.78
Marblehead		899,811.72		899,811.72
Medford	3,619,049.98	3,472,141.89	980,896.02	8,072,087.89
Melrose	1,771,190.99	1,283,989.42	569,861.09	3,625,041.50
Milton	1,764,520.34	1,098,255.82	631,319.04	3,494,095.20
Nahant		210,696.56	73,534.32	284,230.88
Natick	635,490.59			635,490.59
Needham	915,746.83	466,051.63	582,535.30	1,964,333.76
Newton	4,546,803.98	5,178,669.53	2,352,699.68	12,078,173.19
Norwood	605,250.31	1,754,964.93		2,360,215.24
Peabody		579,873.58		579,873.58
Quincy	3,802,893.09	4,921,825.84	1,805,915.22	10,530,634.15
Randolph	317,256.11			317,256.11
Reading	117,314.50			117,314.50
Revere	913,790.11	1,697,023.38	586,401.33	3,197,214.82
Saugus		1,036,420.96	300,872.94	1,337,293.90
Somerville	3,023,049.64	4,623,071.86	1,346,694.38	8,992,815.88
Stoneham	667,331.83	1,354,755.98	276,441.22	2,298,529.03
Stoughton	52,920.49			52,920.49
Swampscott		774,309.86	366,555.63	1,140,865.49
Wakefield	831,696.64	685,450.87	406,252.21	1,923,399.72
Walpole	174,948.91			174,948.91
Waltham	1,537,985.06	4,484,286.95	937,452.98	6,959,724.99
Watertown	1,385,360.59	2,157,464.07	802,022.29	4,344,846.95
Wellesley	540,589.48		756,626.30	1,297,215.78
Weston		163,747.87	241,009.23	404,757.10
Westwood	315,921.98		201,671.36	517,593.34
Weymouth	1,129,652.34		1,029,560.19	2,159,212.53
Wilmington	110,110.20			110,110.20
Winchester	1,706,441.21	438,569.47	505,812.50	2,650,823.18
Winthrop	831,785.58	750,721.00	314,503.70	1,897,010.28
Woburn	1,857,731.55			1,857,731.55
	\$88,942,000.00	\$114,509,000.00	\$39,856,000.00	\$243,307,000.00







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*The Commonwealth of Massachusetts*



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# ASSESSMENTS OF THE METROPOLITAN DISTRICTS



Compiled in the Office of  
ROBERT Q. CRANE  
TREASURER AND RECEIVER-GENERAL



# The Commonwealth of Massachusetts

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## 1970 ASSESSMENTS FOR INTEREST, SERIAL BONDS AND MAINTENANCE OF THE METROPOLITAN DISTRICTS



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1970

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1970, to be paid by the cities and towns comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

Since September 1, 1969, bonds have been issued as follows:

Metropolitan Water District Additional Loan, Act of 1962 (Chapt. 654)	\$1,000,000.00
Met. Water District — Water Use Development Loan (Chapt. 587 — 1945) (Chapt. 549 — 1946)	3,390,000.00
Metropolitan Sewerage Loan, Act of 1966 (Chapt. 563)	1,000,000.00

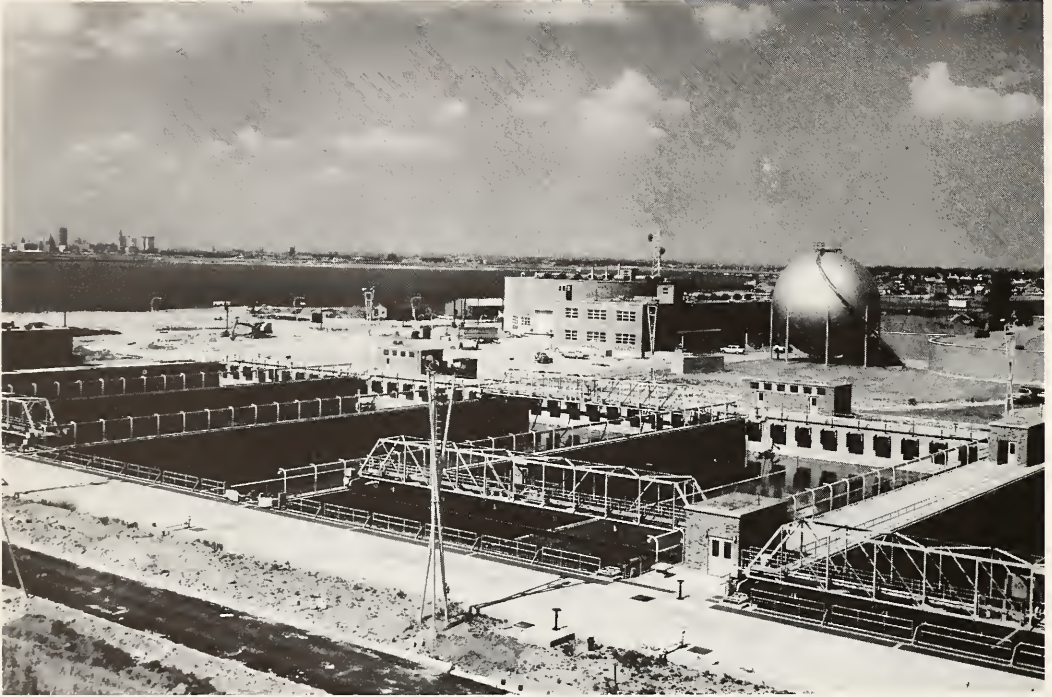
## Metropolitan Sewer

Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system of which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section 5; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connection authorized by law after January first, nineteen hundred and sixty or authorized by the com-



mission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is

included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## Metropolitan Water

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the





previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds



## Metropolitan Parks



issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949). The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE  
*Treasurer and Receiver-General*

**TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1970**

<i>Cities and Towns</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks and Boulevards</i>	<i>Metropolitan Sewerage System</i>	<i>Total</i>
Arlington	\$ 265,198.68	\$ 283,563.40	\$ 306,097.88	\$ 854,859.96
Ashland			29,885.26	29,885.26
Belmont	108,059.04	219,904.81	144,309.93	472,273.78
Boston	5,996,742.12	3,968,215.64	4,106,880.44	14,071,838.20
Braintree		165,129.80	149,077.55	314,207.35
Brookline	328,559.88	478,156.59	259,850.83	1,066,567.30
Burlington			78,417.20	78,417.20
Cambridge	146,207.40	606,161.93	861,716.30	1,614,085.63
Canton		64,211.41	81,880.98	146,092.39
Chelsea	163,278.00	136,967.61	224,260.80	524,506.41
Cohasset		2,302.91		2,302.91
Dedham		153,909.21	168,273.85	322,183.06
Dover		26,314.29		26,314.29
Everett	347,061.36	375,105.13	269,257.81	991,424.30
Framingham			181,220.29	181,220.29
Hingham		90,681.72	35,289.39	125,971.11
Hull		61,995.08		61,995.08
Lexington	210,291.00		159,745.66	370,036.66
Lynn		560,537.83		560,537.83
Lynnfield Water District	13,982.64			13,982.64
Malden	297,485.64	281,701.97	288,692.42	867,880.03
Marblehead	93,761.40			93,761.40
Medford	374,352.24	314,975.34	433,287.56	1,122,615.14
Melrose	134,908.32	178,903.15	219,308.43	533,119.90
Milton	116,560.08	187,520.04	205,577.70	509,657.82
Nahant	21,812.40	22,989.56		44,801.96
Natick			136,611.30	136,611.30
Needham	55,292.40	178,105.63	151,519.55	384,917.58
Newton	506,269.20	678,738.52	582,992.58	1,768,000.30
Norwood	185,094.00		129,715.88	314,809.88
Peabody	54,576.00			54,576.00
Quincy	443,029.80	547,130.66	525,810.05	1,515,970.51
Randolph			87,428.36	87,428.36
Reading			72,066.39	72,066.39
Revere	170,268.72	196,816.81	190,998.71	558,084.24
Saugus	104,177.52	103,266.02		207,443.54
Somerville	475,809.00	437,004.81	468,829.77	1,381,643.58
Stoneham	148,360.44	92,956.75	107,287.99	348,605.18
Stoughton			62,929.11	62,929.11
Swampscott	81,628.08	43,651.17		125,279.25
Wakefield	92,548.80	131,181.20	134,753.58	358,483.58
Walpole			61,364.52	61,364.52
Waltham	475,275.48	300,173.77	285,888.71	1,061,337.96
Watertown	210,866.64	244,899.96	216,759.83	672,526.43
Wellesley		215,332.04	116,821.13	332,153.17
Weston	17,151.72	70,586.92		87,738.64
Westwood		64,350.66	58,290.90	122,641.56
Weymouth		312,968.58	230,267.90	543,236.48
Wilmington			53,701.16	53,701.16
Winchester	53,893.32	149,469.08	185,895.05	389,257.45
Winthrop	74,318.04	102,371.27	119,030.01	295,719.32
Woburn			235,898.23	235,898.23
	\$11,766,819.36	\$12,048,251.27	\$12,417,890.99	\$36,232,961.62

# METROPOLITAN WATER DISTRICT

## Metropolitan Water Debt

Gross (and net) debt June 30, 1970

Bonds Outstanding (serial)

Additional Water	\$ 6,396,000.00
Water Use Development Loan	52,827,000.00
Water Main Loan, Act of 1949	1,210,000.00
Water Main Loan, Act of 1954	792,000.00
Water Main Loan, Act of 1957	1,342,000.00
Water Main Loan, Act of 1959	1,054,000.00
Water Loan, Act of 1950	8,598,000.00
Water Loan, Act of 1952	4,760,000.00
Clinton Sewage Loan, Act of 1954	320,000.00
Metropolitan Water District Additional Loan, Act of 1956	16,447,000.00
Metropolitan Water District Additional Loan, Act of 1961	9,000,000.00
Metropolitan Water District Additional Loan, Act of 1962	9,455,000.00
Metropolitan Water District Additional Loan, Act of 1964	1,335,000.00
Total Net Water Debt June 30, 1970	<u>\$113,536,000.00</u>

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G. L. C. 92, S. 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1970.

*Fund Requirements, July 1, 1969* \$3,396,602.85

*Fiscal Year Charges:*

Appropriations	\$15,012,671.00
Appropriation of Restricted Revenue	620,748.80
Expenditures Authorized—Not Appropriated	19,254.06
Authorized Transfers	1,000,738.80
	<u>\$16,653,412.66</u>

*Deduct Reversions:*

Appropriations	\$175,994.66		
Accounts Payable	<u>42,383.25</u>	<u>218,377.91</u>	<u>16,435,034.75</u>
Total Charges			19,831,637.60

*Operating Revenues:*

District Assessments	\$11,261,166.28		
Proceeds from Sale of Water Use Development Loan Bonds	3,390,000.00		
Other Direct Revenue	<u>1,667,480.47</u>		
Total Revenue			<u>16,318,646.75</u>

Fund Requirements—June 30, 1970

\$ 3,512,990.85



## METROPOLITAN WATER ASSESSMENT FOR 1970

	<i>Total Consumption for 1969 in Million Gallons</i>	<i>1970 Charge at \$120 per mil. gals. (Chap. 723, Acts of 1962)</i>	<i>Proportion for Computing Share</i>
Arlington	2,209.989	\$ 265,198.68	.022538
Belmont	900.492	108,059.04	.009183
Boston	49,972.851	5,996,742.12	.509632
Brookline	2,737.999	328,559.88	.027923
Cambridge*	1,218.395	146,207.40	.012425
Chelsea	1,360.650	163,278.00	.013876
Everett	2,892.178	347,061.36	.029495
Lexington	1,752.425	210,291.00	.017872
Lynnfield Water District	116.522	13,982.64	.001188
Malden	2,479.047	297,485.64	.025282
Marblehead	781.345	93,761.40	.007968
Medford	3,119.602	374,352.24	.031814
Melrose	1,124.236	134,908.32	.011465
Milton	971.334	116,560.08	.009906
Nahant	181.770	21,812.40	.001854
Needham*	460.770	55,292.40	.004699
Newton	4,218.910	506,269.20	.043025
Norwood	1,542.450	185,094.00	.015730
Peabody*	454.800	54,576.00	.004638
Quincy	3,691.915	443,029.80	.037651
Revere	1,418.906	170,268.72	.014470
Saugus	868.146	104,177.52	.008854
Somerville	3,965.075	475,809.00	.040437
Stoneham	1,236.337	148,360.44	.012608
Swampscott	680.234	81,628.08	.006937
Wakefield*	771.240	92,548.80	.007865
Waltham	3,960.629	475,275.48	.040391
Watertown	1,757.222	210,866.64	.017920
Weston*	142.931	17,151.72	.001458
Winchester*	449.111	53,893.32	.004580
Winthrop	619.317	74,318.04	.006316
Total	98,056.828	\$11,766,819.36	1.000000

\* Partial Supply Only:

Note: Not included in above:

Assessment for Water Connections:

Lexington—ninth of ten payments \$36,529.46

Waltham—seventh of ten payments 27,511.64

Assessment for Entrance Fees:

Weston—fifth of ten payments 7,111.92

No water was discharged into Charles River during the year 1969 under the provisions of Chapt. 603 of the Acts of 1950.

Credit to Brookline for property acquired: Eighteenth of twenty-five payments—\$1,887.40

**COMPARISON OF ASSESSMENTS 1969 and 1970  
WITH REVENUE FROM WATER RATES IN 1969**

<i>Cities and Towns</i>	<i>Water Assessments</i>		<i>Water Revenue Received in Cities and Towns 1969</i>
	1969	1970	
Arlington	\$ 231,233.76	\$ 265,198.68	\$ 586,090.06
Belmont	108,763.56	108,059.04	351,944.22
Boston	5,673,420.96	5,996,742.12	8,922,220.32
Brookline	312,758.40	328,559.88	803,650.43
Cambridge	60,378.60	146,207.40	1,460,758.87
Chelsea	188,148.84	163,278.00	482,610.48
Everett	331,367.88	347,061.36	570,023.98
Lexington	186,193.20	210,291.00	551,666.73
Lynnfield Water District	11,930.16	13,982.64	108,122.59
Malden	282,575.88	297,485.64	564,522.11
Marblehead	86,915.76	93,761.40	329,558.28
Medford	335,372.88	374,352.24	701,772.29
Melrose	124,015.20	134,908.32	352,654.35
Milton	106,081.92	116,560.08	327,889.89
Nahant	20,348.40	21,812.40	41,985.37
Needham	45,018.00	55,292.40	398,454.78
Newton	500,203.08	506,269.20	1,154,584.70
Norwood	169,510.80	185,094.00	421,523.64
Peabody	56,008.80	54,576.00	752,227.74
Quincy	475,392.60	443,029.80	1,079,473.50
Revere	163,917.24	170,268.72	296,428.91
Saugus	100,108.56	104,177.52	292,867.30
Somerville	446,538.12	475,809.00	769,117.90
Stoneham	130,852.92	148,360.44	246,341.95
Swampscott	74,793.84	81,628.08	173,695.83
Wakefield	66,207.60	92,548.80	512,116.78
Waltham	433,131.96	475,275.48	1,007,376.22
Watertown	208,383.84	210,866.64	539,875.66
Weston	15,816.48	17,151.72	249,247.48
Winchester	42,365.04	53,893.32	308,092.40
Winthrop	72,512.88	74,318.04	190,830.90
	<hr/> \$11,060,267.16	<hr/> \$11,766,819.36	<hr/> \$24,547,725.66

**METROPOLITAN PARKS DISTRICT****Metropolitan Parks Debt**

Gross (and net) June 30, 1970

Bonds outstanding (serial):

Neponset River Drainage and Flood Control. Act of 1955	\$ 855,000.00
Neponset River Drainage and Flood Control. Act of 1961	1,550,000.00
Metropolitan District Beach Erosion Loan, Act of 1956	1,288,000.00
Charles River Basin Improvement Loan, Act of 1957	2,100,000.00
Charles River Flood Control Act of 1955	415,000.00
Charles River Flood Control Act of 1961	350,000.00
Metropolitan District Park Loan. Act of 1961	3,495,000.00
Mystic River Dam Loan, Act of 1957	4,578,000.00
Mystic River Dam Loan, Act of 1963	7,600,000.00
Metropolitan District Commission Recreational Loan, Act of 1955	400,000.00
Metropolitan District Commission Recreational Loan, Act of 1957	2,377,000.00
Metropolitan District Commission Recreational Loan. Act of 1959	2,430,000.00
Metropolitan District Commission Recreational Loan. Act of 1962	2,155,000.00
Metropolitan District Commission Recreational Loan, Act of 1963	4,100,000.00
Metropolitan District Commission Recreational Loan, Act of 1965	2,760,000.00
Metropolitan District Commission Recreational Loan, Act of 1966	2,900,000.00

Total net parks debt June 30, 1970

\$39,353,000.00

**Metropolitan Parks Expenses**

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage and Flood Control. Act of 1955	\$ 103,000.00	\$ 22,746.50
Neponset River Drainage and Flood Control. Act of 1961	100,000.00	50,450.00
Metropolitan District Beach Erosion Loan Act of 1956	67,000.00	42,806.25
Charles River Basin Improvement Loan Act of 1957	101,000.00	71,865.00
Charles River Flood Control Act of 1955	50,000.00	14,437.50
Charles River Flood Control Act of 1961	25,000.00	10,850.00

### Metropolitan Parks Expenses (Continued)

Metropolitan District Park Loan, Act of 1961	275,000.00	116,967.50	
Mystic River Dam Loan, Act of 1957	228,000.00	143,215.00	
Mystic River Dam Loan, Act of 1963	310,000.00	266,750.00	
Metropolitan District Commission Recreational Loan, Act of 1955	50,000.00	13,500.00	
Metropolitan District Commission Recreational Loan, Act of 1957	247,000.00	82,270.50	
Metropolitan District Commission Recreational Loan, Act of 1959	243,000.00	82,242.00	
Metropolitan District Commission Recreational Loan, Act of 1962	175,000.00	78,002.50	
Metropolitan District Commission Recreational Loan, Act of 1963	250,000.00	162,275.00	
Metropolitan District Commission Recreational Loan, Act of 1965	175,000.00	125,400.00	
Metropolitan District Commission Recreational Loan, Act of 1966	325,000.00	153,800.00	
	<hr/> \$2,724,000.00	<hr/> \$1,437,577.75	\$4,161,577.75
Maintenance as appropriated by the Legislature			7,886,673.52
Total Metropolitan Parks expenses to be assessed			<hr/> \$12,048,251.27



# METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

## Proportion of Interest, Serial Bonds and Maintenance Requirements as Determined by the Metropolitan District Commission

<i>Cities and Towns</i>	<i>Valuation Ch. 660 Acts of 1963 adj. to nearest \$1,000.00 (000's omitted)</i>	<i>Valuation Per Cent Note 1</i>	<i>Population 1965 Census</i>	<i>Population Per Cent</i>	<i>Average Per Cent Ch. 554 Acts of 1949—Note 2</i>
Arlington	\$ 110,391	.022434	52,482	.026939	.024124
Belmont	94,029	.019109	28,794	.014779	.017805
Boston	1,628,334	.330911	616,326	.316355	.328638
Braintree	61,885	.012576	33,954	.017428	.014306
Brookline	210,814	.042842	53,608	.027517	.038033
Cambridge	249,777	.050760	92,677	.047570	.050089
Canton	22,574	.004587	15,310	.007859	.005723
Chelsea	52,087	.010585	27,098	.013909	.011785
Dedham	61,241	.012445	26,618	.013663	.012952
Dover	11,146	.002265	3,592	.001844	.002142
Everett	164,421	.033414	43,410	.022282	.029939
Hingham	34,740	.007060	17,576	.009022	.007775
Hull	25,999	.005284	8,836	.004535	.005074
Lynn	226,053	.045939	92,653	.047558	.046847
Malden	106,839	.021712	56,142	.028817	.024269
Medford	121,107	.024611	60,429	.031018	.026959
Melrose	70,358	.014298	32,105	.016479	.015144
Milton	77,947	.015840	27,708	.014222	.015423
Nahant	9,081	.001845	4,067	.002088	.001942
Needham	71,924	.014616	29,303	.015041	.014875
Newton	290,472	.059030	88,514	.045434	.054929
Quincy	222,963	.045311	87,158	.044738	.045478
Revere	72,400	.014713	42,394	.021761	.017197
Saugus	37,146	.007549	23,429	.012026	.009113
Somerville	166,267	.033789	86,332	.044314	.037592
Stoneham	34,132	.006936	20,109	.010322	.008129
Swampscott	45,256	.009197	13,995	.007184	.000682(4)
Wakefield	50,158	.010193	25,571	.013125	.011258
Waltham	115,743	.023521	57,134	.029326	.025657
Watertown	99,022	.020123	40,115	.020591	.020440
Wellesley	93,415	.018984	26,297	.013498	.017291
Weston	29,754	.006047	9,848	.005055	.005761
Westwood	24,899	.005060	12,123	.006223	.005491
Weymouth	127,113	.025832	50,468	.025904	.026060
Winchester	62,448	.012691	21,634	.011104	.012259
Winthrop	38,829	.007891	20,398	.010470	.008819
<hr/>					
	\$4,920,764	1.000000	1,948,207	1.000000	1.000000
Cohasset (Note 3) m	18,797	.003805	6,559	.003355	.000292
<hr/>					
Total	\$4,939,561		1,954,766		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8% of its proportion.)

Note 4. Swampscott Maintenance — Ch. 405 of 1968

## METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

### Total Assessments

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	\$ 61,110.22	\$ 32,250.62	\$ 190,202.56	\$ 283,563.40
Belmont	52,052.92	27,470.67	140,381.22	219,904.81
Boston	901,401.56	475,710.29	2,591,103.79	3,968,215.64
Braintree	34,257.02	18,078.98	112,793.80	165,129.80
Brookline	116,701.61	61,588.71	299,866.27	478,156.59
Cambridge	138,270.24	72,971.45	394,920.24	606,161.93
Canton	12,494.99	6,594.17	45,122.25	64,211.41
Chelsea	28,833.54	15,216.76	92,917.31	136,967.61
Cohasset			2,302.91	2,302.91
Dedham	33,900.18	17,890.66	102,118.37	153,909.21
Dover	6,169.86	3,256.11	16,888.32	26,314.29
Everett	91,019.74	48,035.22	236,050.17	375,105.13
Hingham	19,231.44	10,149.30	61,300.98	90,681.72
Hull	14,393.62	7,596.16	40,005.30	61,995.08
Lynn	125,137.84	66,040.88	369,359.11	560,537.83
Malden	59,143.49	31,212.69	191,345.79	281,701.97
Medford	67,040.36	35,380.23	212,554.75	314,975.34
Melrose	38,947.75	20,554.49	119,400.91	178,903.15
Milton	43,148.16	22,771.23	121,600.65	187,520.04
Nahant	5,025.78	2,652.33	15,311.45	22,989.56
Needham	39,813.98	21,011.64	117,280.01	178,105.63
Newton	160,797.72	84,860.21	433,080.59	678,738.52
Quincy	123,427.16	65,138.09	358,565.41	547,130.66
Revere	40,078.21	21,151.08	135,587.52	196,816.81
Saugus	20,563.48	10,852.27	71,850.27	103,266.02
Somerville	92,041.24	48,574.31	296,389.26	437,004.81
Stoneham	18,893.66	9,971.04	64,092.05	92,956.75
Swampscott	25,052.63	13,221.40	5,377.14	43,651.17
Wakefield	27,765.73	14,653.23	88,762.24	131,181.20
Waltham	64,071.20	33,813.27	202,289.30	300,173.77
Watertown	54,815.05	28,928.38	161,156.53	244,899.96
Wellesley	51,712.42	27,290.97	136,328.65	215,332.04
Weston	16,472.03	8,693.03	45,421.86	70,586.92
Westwood	13,783.44	7,274.14	43,293.08	64,350.66
Weymouth	70,366.37	37,135.51	205,466.70	312,968.58
Winchester	34,570.28	18,244.30	96,654.50	149,469.08
Winthrop	21,495.08	11,343.93	69,532.26	102,371.27
	\$2,724,000.00	\$1,437,577.75	\$7,886,673.52	\$12,048,251.27

# **METROPOLITAN PARKS AND SEWERAGE DISTRICTS** **Comparison of Assessments 1969 and 1970**

	<i>Parks</i> 1969	<i>Parks</i> 1970	<i>Sewerage</i> 1969	<i>Sewerage</i> 1970
Arlington	\$ 244,562.10	\$ 283,563.40	\$ 274,753.89	\$ 306,097.88
Ashland			25,881.67	29,885.26
Belmont	190,241.23	219,904.81	130,072.54	144,309.93
Boston	3,428,198.99	3,968,215.64	3,740,248.69	4,106,880.44
Braintree	142,251.81	165,129.80	131,328.87	149,077.55
Brookline	414,096.10	478,156.59	230,476.36	259,850.83
Burlington			68,381.54	78,417.20
Cambridge	523,744.16	606,161.93	795,495.57	861,716.30
Canton	55,212.07	64,211.41	73,304.39	81,880.98
Chelsea	118,043.67	136,967.61	205,030.48	224,260.80
Cohasset	1,924.19	2,302.91		
Dedham	132,831.88	153,909.21	146,510.75	168,273.85
Dover	22,757.34	26,314.29		
Everett	324,784.59	375,105.13	242,793.26	269,257.81
Framingham			157,123.84	181,220.29
Hingham	78,170.50	90,681.72	31,532.65	35,289.39
Hull	53,597.28	61,995.08		
Lexington			141,979.37	159,745.66
Lynn	483,983.11	560,537.83		
Malden	242,761.19	281,701.97	257,324.23	288,692.42
Medford	271,548.83	314,975.34	392,905.05	433,287.56
Melrose	154,345.86	178,903.15	198,764.04	219,308.43
Milton	162,070.20	187,520.04	187,074.82	205,577.70
Nahant	19,836.49	22,989.56		
Natick			119,516.01	136,611.30
Needham	153,787.67	178,105.63	135,256.04	151,519.55
Newton	587,198.54	678,738.52	525,834.33	582,992.58
Norwood			113,980.46	129,715.88
Quincy	472,567.15	547,130.66	473,370.44	525,810.05
Randolph			76,462.07	87,428.36
Reading			61,913.49	72,066.39
Revere	169,454.76	196,816.81	168,610.38	190,998.71
Saugus	88,851.63	103,266.02		
Somerville	376,632.36	437,004.81	419,898.95	468,829.77
Stoneham	80,029.22	92,956.75	95,382.89	107,287.99
Stoughton			53,835.44	62,929.11
Swampscott	39,601.09	43,651.17		
Wakefield	113,075.50	131,181.20	120,181.20	134,753.58
Walpole			53,441.57	61,364.52
Waltham	258,810.63	300,173.77	253,121.18	285,888.71
Watertown	211,470.81	244,899.96	193,838.27	216,759.83
Wellesley	186,377.94	215,332.04	102,863.18	116,821.13
Weston	61,035.73	70,586.92		
Westwood	55,489.30	64,350.66	51,812.02	58,290.90
Weymouth	270,287.42	312,968.58	203,472.47	230,267.90
Wilmington			46,282.82	53,701.16
Winchester	129,205.63	149,469.08	167,720.46	185,895.05
Winthrop	88,220.37	102,371.27	106,949.38	119,030.01
Woburn			212,244.27	235,898.23
	\$10,407,057.34	\$12,048,251.27	\$11,186,969.33	\$12,417,890.99

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1970

Bonds Outstanding (serial)

Sewerage Loan, North System, Act of 1945 (Ch. 705)	\$ 350,000.00
District Sewerage Loan, Act of 1949 (Ch. 606)	15,242,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	16,111,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	545,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	449,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	637,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	95,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	20,608,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	4,160,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,780,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,615,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	4,185,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	8,935,000.00
Sewerage Loan, South System (Ch. 705)	1,781,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	995,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	1,125,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	495,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	316,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	738,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	571,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	637,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	313,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	6,425,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	460,000.00

Total Net Sewerage Debt, June 30, 1970

\$89,568,000.00



## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Expenses

<i>Debt Service:</i>	<i>Serial Bonds:</i>	<i>Interest</i>
Sewerage Loan, North System, Act of 1945 (Ch. 705)	\$ 70,000.00	\$ 7,350.00
District Sewerage Loan, Act of 1949 (Ch. 606)	695,700.00	486,207.50
Sewerage Loan, Act of 1951 (Ch. 645)	681,300.00	396,907.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	11,990.00
District Sewerage Loan, North District, Act of 1954 (Ch. 452)	21,400.00	13,803.75
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	15,439.86	22,295.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	500.00	3,325.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	607,983.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	126,345.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	56,000.00	66,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	62,085.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	94,500.00	152,285.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	217,500.00	333,462.50
Sewerage Loan, South System (Ch. 705)	283,000.00	40,237.50
District Sewerage Loan, Act of 1951 (Ch. 527)	54,485.38	21,890.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	25,946.25
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	10,890.00
District Sewerage Loan, Act of 1954 (Ch. 580)	18,000.00	8,442.50

### Metropolitan Sewerage Expenses (Continued)

District Sewerage Loan, Act of 1955 ( Ch. 410 )	31,570.84	22,298.75	
District Sewerage Loan, Act of 1955 ( Ch. 551 )	33,000.00	15,248.75	
District Sewerage Loan, Act of 1957 ( Ch. 710 )	23,100.00	22,295.00	
District Sewerage Loan, Act of 1957 ( Ch. 764 )	13,622.23	10,955.00	
Metropolitan Sewerage Loan, Act of 1966 ( Ch. 563 )	135,000.00	370,175.00	
Metropolitan District Sewerage Relief Loan, Act of 1966 ( Ch. 565 )	17,000.00	20,700.00	
Interest on Average Monthly Deficit		71,873.50	
	\$ 3,205,418.31	\$ 2,931,891.50	\$ 6,137,309.81
Maintenance			6,280,581.18
Total Metropolitan Sewerage Expenses			<u>\$12,417,890.99</u>

North and South Systems combined under Chapter 612, Acts of 1959

**METROPOLITAN DISTRICT COMMISSION  
SEWERAGE DIVISION**  
**Ratios of contribution on the basis of G. L. Chap. 92, Sections 5 and 6  
and the census returns of 1965, as determined by the  
Metropolitan District Commission, Sewerage Division**

City or Town	Ratios		Population State Census 1965	Ratios for Maintenance Fiscal Year Ending June 30, 1970
	Estimated Pro-Rated Demand M.G.D.	For Principal and Interest Fiscal Year Ending June 30, 1971		
Arlington	26.797	.024102	52,482	.025185
Ashland	0.665	.000598	8,698	.004174
Belmont	10.422	.009374	28,794	.013817
Boston	407.483	.366506	616,326	.295756
Braintree	8.467	.007616	33,954	.016294
Brookline	17.804	.016014	53,608	.025725
Burlington	3.574	.003215	19,473	.009344
Cambridge	105.505	.094895	92,677	.044473
Canton	6.474	.005823	15,310	.007347
Chelsea	25.830	.023233	27,098	.013004
Dedham	15.951	.014347	26,618	.012773
Everett	25.077	.022555	43,410	.020831
Framingham	4.237	.003811	52,369	.025130
Hingham	2.787	.002507	6,604	.003169
Lexington	11.802	.010615	31,388	.015062
Malden	21.646	.019469	56,142	.026941
Medford	45.500	.040924	60,429	.028998
Melrose	22.201	.019968	32,105	.015406
Milton	22.114	.019890	27,708	.013296
Natick	8.170	.007348	30,365	.014571
Needham	11.449	.010298	29,303	.014062
Newton	57.286	.051525	88,514	.042475
Norwood	7.677	.006905	28,978	.013906
Quincy	47.668	.042874	87,158	.041824
Randolph	3.976	.003576	21,726	.010426
Reading	1.487	.001338	21,188	.010167
Revere	11.454	.010302	42,394	.020344
Somerville	37.796	.033995	86,332	.041428
Stoneham	8.456	.007606	20,109	.009650
Stoughton	0.651	.000586	19,686	.009447
Wakefield	10.450	.009399	25,571	.012271
Walpole	2.168	.001950	16,390	.007865
Waltham	19.278	.017339	59,549*	.028576
Watertown	17.365	.015619	40,115	.019250
Wellesley	6.805	.006121	26,297	.012619
Westwood	3.941	.003545	12,123	.005817
Weymouth	14.160	.012736	50,468	.024218
Wilmington	1.396	.001256	15,261	.007323
Winchester	21.865	.019666	21,634	.010381
Winthrop	10.426	.009378	20,398	.009788
Woburn	23.544	.021176	35,149	.016867
Totals	1,111.804	1.000000	2,083,901	1.000000

\* Includes 2415 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

## METROPOLITAN SEWERAGE DISTRICT

### Total Assessments

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	\$ 77,256.99	\$ 70,664.45	\$ 158,176.44	\$ 306,097.88
Ashland	1,916.84	1,753.27	26,215.15	29,885.26
Belmont	30,047.59	27,483.55	86,778.79	144,309.93
Boston	1,174,805.04	1,074,555.83	1,857,519.57	4,106,880.44
Braintree	24,412.47	22,329.29	102,335.79	149,077.55
Brookline	51,331.57	46,951.31	161,567.95	259,850.83
Burlington	10,305.42	9,426.03	58,685.75	78,417.20
Cambridge	304,178.17	278,221.84	279,316.29	861,716.30
Canton	18,665.15	17,072.40	46,143.43	81,880.98
Chelsea	74,471.48	68,116.64	81,672.68	224,260.80
Dedham	45,988.14	42,063.85	80,221.86	168,273.85
Everett	72,298.21	66,128.81	130,830.79	269,257.81
Framingham	12,215.85	11,173.44	157,831.00	181,220.29
Hingham	8,035.98	7,350.25	19,903.16	35,289.39
Lexington	34,025.52	31,122.03	94,598.11	159,745.66
Malden	62,406.29	57,080.99	169,205.14	288,692.42
Medford	131,178.54	119,984.73	182,124.29	433,287.56
Melrose	64,005.79	58,544.01	96,758.63	219,308.43
Milton	63,755.77	58,315.32	83,506.61	205,577.70
Natick	23,553.41	21,543.54	91,514.35	136,611.30
Needham	33,009.40	30,192.62	88,317.53	151,519.55
Newton	165,159.18	151,065.71	266,767.69	582,992.58
Norwood	22,133.41	20,244.71	87,337.76	129,715.88
Quincy	137,429.10	125,701.92	262,679.03	525,810.05
Randolph	11,462.58	10,484.44	65,481.34	87,428.36
Reading	4,288.85	3,922.87	63,854.67	72,066.39
Revere	33,022.22	30,204.35	127,772.14	190,998.71
Somerville	108,968.20	99,669.65	260,191.92	468,829.77
Stoneham	24,380.41	22,299.97	60,607.61	107,287.99
Stoughton	1,878.37	1,718.09	59,332.65	62,929.11
Wakefield	30,127.72	27,556.85	77,069.01	134,753.58
Walpole	6,250.56	5,717.19	49,396.77	61,364.52
Waltham	55,578.75	50,836.07	179,473.89	285,888.71
Watertown	50,065.43	45,793.21	120,901.19	216,759.83
Wellesley	19,620.37	17,946.11	79,254.65	116,821.13
Westwood	11,363.21	10,393.55	36,534.14	58,290.90
Weymouth	40,824.21	37,340.57	152,103.12	230,267.90
Wilmington	4,026.01	3,682.45	45,992.70	53,701.16
Winchester	63,037.76	57,658.58	65,198.71	185,895.05
Winthrop	30,060.41	27,495.28	61,474.32	119,030.01
Woburn	67,877.94	62,085.73	105,934.56	235,898.23
	\$3,205,418.31	\$2,931,891.50	\$6,280,581.18	\$12,417,890.99



## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

Net Debt June 30, 1970	<i>Metropolitan Sewerage</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks</i>	<i>Total</i>
Arlington	\$ 2,158,767.94	\$ 2,558,874.37	\$ 882,845.20	\$ 5,600,487.51
Ashland	53,561.66			53,561.66
Belmont	839,610.43	1,042,601.09	751,996.48	2,634,208.00
Boston	32,827,209.41	57,861,578.75	13,022,340.58	103,711,128.74
Braintree	682,149.89		494,903.33	1,177,053.22
Brookline	1,434,341.95	3,170,265.73	1,685,961.23	6,290,568.91
Burlington	287,961.12			287,961.12
Cambridge	8,499,555.36	1,410,684.80	1,997,558.28	11,907,798.44
Canton	521,554.46		180,512.21	702,066.67
Chelsea	2,080,933.34	1,575,425.54	416,551.50	4,072,910.38
Dedham	1,285,032.10		489,748.09	1,774,780.19
Dover			89,134.55	89,134.55
Everett	2,020,206.24	3,348,744.32	1,314,941.14	6,683,891.70
Frammingham	341,343.65			341,343.65
Hingham	224,546.98		277,832.18	502,379.16
Hull			207,941.25	207,941.25
Lexington	950,764.32	2,029,115.39		2,979,879.71
Lynn			1,807,837.47	1,807,837.47
Lynnfield Water District		134,880.77		134,880.77
Malden	1,743,799.39	2,870,417.15	854,432.34	5,468,648.88
Marblehead		904,654.85		904,654.85
Medford	3,665,480.83	3,612,034.30	968,516.68	8,246,031.81
Melrose	1,788,493.82	1,301,690.24	562,669.19	3,652,853.25
Milton	1,781,507.52	1,124,687.62	623,351.52	3,529,546.66
Nahant		210,495.74	72,606.29	283,102.03
Natick	658,145.66			658,145.66
Needham	922,371.26	533,505.66	575,183.45	2,031,060.37
Newton	4,614,991.20	4,884,886.40	2,323,007.59	11,822,885.19
Norwood	618,467.04	1,785,921.28		2,404,388.32
Peabody		526,579.97		526,579.97
Quincy	3,840,138.43	4,274,743.94	1,783,123.78	9,898,006.15
Randolph	320,295.17			320,295.17
Reading	119,841.98			119,841.98
Revere	922,729.54	1,642,865.92	579,000.69	3,144,596.15
Saugus		1,005,247.74	297,075.80	1,302,323.54
Somerville	3,044,864.16	4,591,055.23	1,329,698.52	8,965,617.91
Stoneham	681,254.22	1,431,461.89	272,952.41	2,385,668.52
Stoughton	52,486.85			52,486.85
Swampscott		787,599.23	361,929.54	1,149,528.77
Wakefield	841,849.63	892,960.64	401,125.13	2,135,935.40
Walpole	174,657.60			174,657.60
Waltham	1,553,019.55	4,585,832.58	925,621.90	7,064,474.03
Watertown	1,398,962.59	2,034,565.12	791,900.42	4,225,428.13
Wellesley	548,245.73		747,077.35	1,295,323.08
Weston		165,535.48	237,967.59	403,503.07
Westwood	317,518.56		199,126.18	516,644.74
Weymouth	1,140,738.05		1,016,566.70	2,157,304.75
Wilmington	112,497.41			112,497.41
Winchester	1,761,444.29	519,994.88	499,428.92	2,780,868.09
Winthrop	839,968.70	717,093.38	310,534.52	1,867,596.60
Woburn	1,896,691.97			1,896,691.97
	\$89,568,000.00	\$113,536,000.00	\$39,353,000.00	\$242,457,000.00









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# ASSESSMENTS OF THE METROPOLITAN DISTRICTS



Compiled in the Office of  
ROBERT Q. CRANE  
TREASURER AND RECEIVER-GENERAL



# The Commonwealth of Massachusetts

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## 1971

### ASSESSMENTS

FOR

### INTEREST, SERIAL BONDS

### AND MAINTENANCE

OF THE

### METROPOLITAN DISTRICTS



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1971

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1971 to be paid by the cities and towns comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

Since September 1, 1970, bonds have been issued as follows:

Metropolitan District Commission Recreational Loan,	
Act of 1959 (Chapt. 549)	\$ 500,000.00
Metropolitan Sewerage Loan, Act of 1967 (Chapt. 837)	8,000,000.00
Met. Water District – Water Use Development Loan	
Chapt. 587 – 1945) (Chapt. 549 – 1946)	3,510,000.00
Metropolitan Water District Additional Loan,	
Act of 1966 (Chapt. 564)	11,500,000.00
Metropolitan Sewerage Loan, Act of 1970 (Chapt. 745)	6,000,000.00

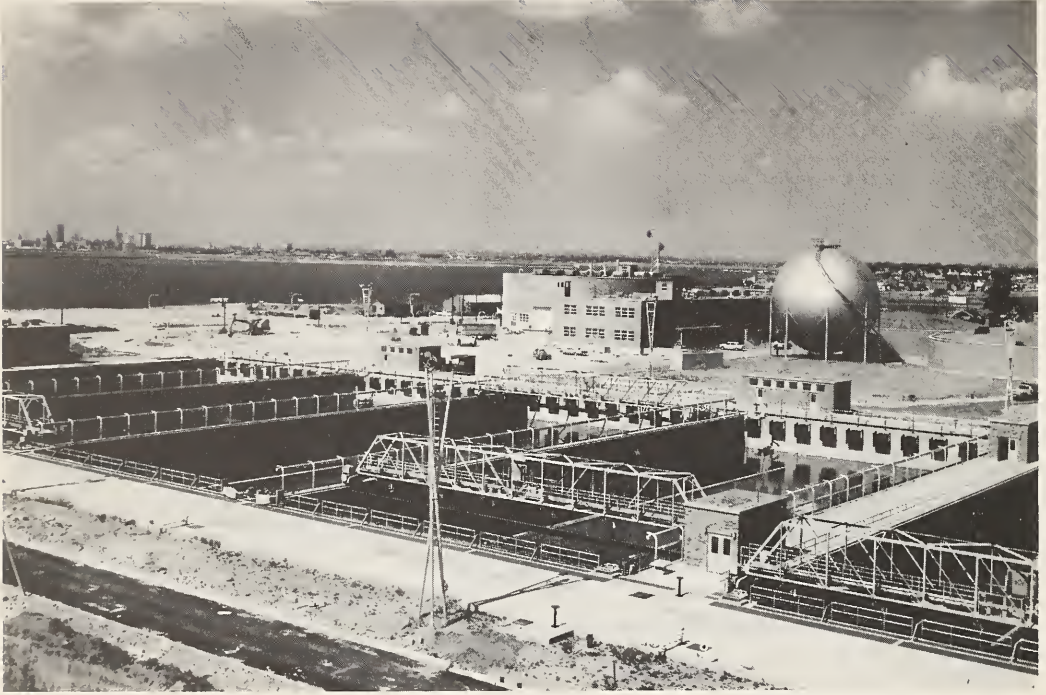
## Metropolitan Sewer

Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system of which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section 5; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connection authorized by law after January first, nineteen hundred and sixty or authorized by the com-



mission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is

included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## Metropolitan Water

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the





previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds



## Metropolitan Parks



issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE  
*Treasurer and Receiver-General*

## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1971

<i>Cities and Towns</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks and Boulevards</i>	<i>Metropolitan Sewerage System</i>	<i>Total</i>
Arlington	296,808.48	296,003.54	336,459.77	929,271.79
Ashland			32,258.97	32,258.97
Belmont	113,364.84	227,553.44	155,479.22	496,397.50
Boston	6,205,719.96	4,155,277.07	4,557,773.20	14,918,770.23
Braintree		173,091.26	165,829.53	338,920.79
Brookline	323,057.76	503,740.79	300,188.41	1,126,986.96
Burlington			93,426.27	93,426.27
Cambridge	42,880.80	640,265.42	928,811.27	1,611,957.49
Canton	38,608.80	69,261.27	95,186.21	203,056.28
Chelsea	159,154.68	147,285.05	256,132.82	562,572.55
Cohasset		2,516.98		2,516.98
Dedham		160,291.68	184,444.24	344,735.92
Dover		28,646.08		28,646.08
Everett	350,928.00	387,997.59	294,655.01	1,033,580.60
Framingham			238,837.26	238,837.26
Hingham		95,991.60	39,931.01	135,922.61
Hull		65,961.07		65,961.07
Lexington	197,476.32		175,329.18	372,805.50
Lynn		578,707.88		578,707.88
Lynnfield Water District	13,772.76			13,772.76
Malden	302,997.96	292,599.90	314,355.62	909,953.48
Marblehead	97,949.40			97,949.40
Medford	353,905.56	332,777.89	485,221.27	1,171,904.72
Melrose	131,472.96	187,326.58	243,507.86	562,307.40
Milton	110,969.52	193,944.79	222,461.85	527,376.16
Nahant	24,555.48	23,948.69		48,504.17
Natick			148,149.77	148,149.77
Needham	45,511.20	185,569.23	166,469.66	397,550.09
Newton	508,809.96	708,171.09	643,815.22	1,860,796.27
Norwood	168,342.00		147,195.51	315,537.51
Peabody	25,695.72			25,695.72
Quincy	448,599.60	569,239.01	575,614.66	1,593,453.27
Randolph			112,481.61	112,481.61
Reading			82,711.42	82,711.42
Revere	173,016.96	205,557.16	210,389.63	588,963.75
Saugus	130,132.56	109,687.53		239,820.09
Somerville	469,563.72	457,396.37	527,845.27	1,454,805.36
Stoneham	137,461.08	97,447.96	118,685.87	353,594.91
Stoughton			80,566.03	80,566.03
Swampscott	71,553.84	43,203.94		114,757.78
Wakefield	120,597.60	136,031.64	145,251.18	401,880.42
Walpole			72,491.10	72,491.10
Waltham	472,492.32	318,090.72	325,830.42	1,116,413.46
Watertown	209,179.92	253,147.25	233,459.51	695,786.68
Wellesley		225,994.75	132,886.44	358,881.19
Weston	31,446.72	74,743.44		106,190.16
Westwood		67,726.29	65,520.64	133,246.93
Weymouth		330,854.49	264,198.96	595,053.45
Wilmington			64,371.21	64,371.21
Winchester	30,794.40	156,065.77	206,752.21	393,612.38
Winthrop	79,148.28	106,253.83	129,476.57	314,878.68
Woburn			263,998.64	263,998.64
	\$11,885,969.16	\$12,608,369.04	\$13,838,450.50	\$38,332,788.70

# **METROPOLITAN WATER DISTRICT** **Metropolitan Water Debt**

Gross (and net) debt June 30, 1971

Bonds Outstanding (serial)	
Additional Water	5,652,000.00
Water Use Development Loan	53,435,000.00
Water Main Loan, Act of 1949	1,100,000.00
Water Main Loan, Act of 1954	739,000.00
Water Main Loan, Act of 1957	1,267,000.00
Water Main Loan, Act of 1959	1,005,000.00
Water Loan, Act of 1950	8,211,000.00
Water Loan, Act of 1952	4,605,000.00
Clinton Sewage Loan, Act of 1954	298,000.00
Metropolitan Water District Additional Loan, Act of 1956	16,036,000.00
Metropolitan Water District Additional Loan, Act of 1961	8,795,000.00
Metropolitan Water District Additional Loan, Act of 1962	9,240,000.00
Metropolitan Water District Additional Loan, Act of 1964	1,280,000.00
Metropolitan Water District Additional Loan, Act of 1966	6,000,000.00
Total Net Water Debt June 30, 1971	<u>\$117,663,000.00</u>

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1971:

<i>Fund Requirements, July 1, 1970</i>	\$ 3,512,990.85
--	-----------------

*Fiscal Year Charges:*

Appropriations	\$16,245,808.25
Appropriation of Restricted Revenue	12,000.70
Expenditures Authorized — Not Appropriated	43,327.40
Authorized Transfers	129,211.91
	<u>16,430,348.26</u>

*Deduct Reversions:*

Appropriations	\$194,982.80	
Accounts Payable	113,875.57	308,858.37
		<u>16,121,489.89</u>
Total Charges		<u>19,634,480.74</u>

*Operating Revenues:*

District Assessments	11,362,163.38
Proceeds from Sale of Water Use Development Loan Bonds	3,510,000.00
Other Direct Revenues	1,079,370.45
Other Charges — Split Appropriations	.55
	<u>15,951,534.38</u>

Total Revenue

15,951,534.38

Fund Requirements — June 30, 1971

\$ 3,682,946.36



## METROPOLITAN WATER ASSESSMENT FOR 1971

<i>Cities and Towns</i>	<i>Total Consumption for 1970 in Million Gallons</i>	<i>1971 Charge at \$120 per mil. gals. (Chap. 723, Acts of 1962)</i>	<i>Proportion for Computing Share</i>
Arlington	2,473.404	296,808.48	.024971
Belmont	944.707	113,364.84	.009538
Boston	51,714.333	6,205,719.96	.522105
Brookline	2,692.148	323,057.76	.027180
Cambridge <sup>1</sup>	357.340	42,880.80	.003608
Canton <sup>1,2</sup>	321.740	38,608.80	.003248
Chelsea	1,326.289	159,154.68	.013390
Everett	2,924.400	350,928.00	.029524
Lexington	1,645.636	197,476.32	.016614
Lynnfield Water District	114.773	13,772.76	.001159
Malden	2,524.983	302,997.96	.025492
Marblehead	816.245	97,949.40	.008241
Medford	2,949.213	353,905.56	.029775
Melrose	1,095.608	131,472.96	.011061
Milton	924.746	110,969.52	.009336
Nahant	204.629	24,555.48	.002066
Needham <sup>1</sup>	379.260	45,511.20	.003829
Newton	4,240.083	508,809.96	.042808
Norwood	1,402.850	168,342.00	.014163
Peabody <sup>1</sup>	214.131	25,695.72	.002162
Quincy	3,738.330	448,599.60	.037742
Revere	1,441.808	173,016.96	.014556
Saugus	1,084.438	130,132.56	.010948
Somerville	3,913.031	469,563.72	.039506
Stoneham	1,145.509	137,461.08	.011565
Swampscott	596.282	71,553.84	.006020
Wakefield <sup>1</sup>	1,004.980	120,597.60	.010146
Waltham	3,937.436	472,492.32	.039752
Watertown	1,743.166	209,179.92	.017599
Weston <sup>1</sup>	262.056	31,446.72	.002646
Winchester <sup>1,3</sup>	256.620	30,794.40	.002591
Winthrop	659.569	79,148.28	.006659
	<hr/> 99,049.743	<hr/> \$11,885,969.16	<hr/> 1.000000

(1) Partial Supply Only:

Note: Not included in above:

Assessment for Water Connections:

(2)	
Canton – first ten payments	\$55,594.85
Lexington – final payment	36,529.45
Waltham – eighth of ten payments	27,511.64

Assessment for Entrance Fees:

(2)	
Canton – first of ten payments	11,975.90
Weston – sixth of ten payments	7,111.92

(3) Winchester – \$262.08 – Art. 3 of Winchester agreement, dated 7/2/57

No water was discharged into the Charles River during the year 1970 under the provisions of Chap. 603 of the Acts of 1950.

Credit to Brookline for property acquired: Nineteenth of twenty-five payments – \$1,887.40

# COMPARISON OF ASSESSMENTS 1970 and 1971 WITH REVENUE FROM WATER RATES IN 1970

<i>Cities and Towns</i>	<i>Water Assessments</i>		<i>Water Revenue Received in Cities and Towns 1970</i>
	<i>1970</i>	<i>1971</i>	
Arlington	\$ 265,198.68	\$ 296,808.48	600,271.52
Belmont	108,059.04	113,364.84	353,584.96
Boston	5,996,742.12	6,205,719.96	9,952,277.58
Brookline	328,559.88	323,057.76	832,661.40
Cambridge	146,207.40	42,880.80	1,834,733.70
Canton		38,608.80	283,833.89
Chelsea	163,278.00	159,154.68	476,481.66
Everett	347,061.36	350,928.00	619,949.20
Lexington	210,291.00	197,476.32	524,203.21
Lynnfield Water District	13,982.64	13,772.76	108,696.00
Malden	297,485.64	302,997.96	559,804.50
Marblehead	93,761.40	97,949.40	341,054.48
Medford	374,352.24	353,905.56	695,817.28
Melrose	134,908.32	131,472.96	367,395.20
Milton	116,560.08	110,969.52	375,299.49
Nahant	21,812.40	24,555.48	44,177.54
Needham	55,292.40	45,511.20	408,963.37
Newton	506,269.20	508,809.96	1,177,052.65
Norwood	185,094.00	168,342.00	445,369.66
Peabody	54,576.00	25,695.72	727,199.76
Quincy	443,029.80	448,599.60	1,065,055.49
Revere	170,268.72	173,016.96	297,009.16
Saugus	104,177.52	130,132.56	294,368.60
Somerville	475,809.00	469,563.72	866,691.49
Stoneham	148,360.44	137,461.08	358,536.15
Swampscott	81,628.08	71,553.84	171,113.70
Wakefield	92,548.80	120,597.60	548,011.36
Waltham	475,275.48	472,492.32	928,266.05
Watertown	210,866.64	209,179.92	516,302.09
Weston	17,151.72	31,446.72	240,873.57
Winchester	53,893.32	30,794.40	337,542.36
Winthrop	74,318.04	79,148.28	213,135.31
	<hr/>	<hr/>	<hr/>
	\$11,766,819.36	\$11,885,969.16	26,565,732.38

## METROPOLITAN PARKS DISTRICT

### Metropolitan Parks Debt

Gross (and net) June 30, 1971

Bonds outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 (Ch.743)	\$ 752,000.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch.521)	1,450,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch.736)	1,221,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch.646)	1,998,000.00
Charles River Flood Control Act of 1955 (Ch.768)	365,000.00
Charles River Flood Control Act of 1961 (Ch.520)	325,000.00
Metropolitan District Park Loan, Act of 1961 (Ch.517)	3,220,000.00
Mystic River Dam Loan, Act of 1957 (Ch.647)	4,350,000.00
Mystic River Dam Loan, Act of 1963 (Ch.547)	7,290,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch.731)	350,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch.627)	2,130,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch.549)	2,687,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch.704)	1,980,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch.657)	3,850,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch.681)	2,585,000.00
Metropolitan District Commission Recreational Loan, Act of 1966 (Ch.650)	2,575,000.00
	<hr/> \$ 37,128,000.00

### Metropolitan Parks Expenses

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage and Flood Control, Act of 1955 (Ch.743)	103,000.00	25,413.50
Neponset River Drainage and Flood Control, Act of 1961 (Ch.521)	100,000.00	47,200.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch.736)	67,000.00	40,668.75
Charles River Basin Improvement Loan, Act of 1957 (Ch.646)	102,000.00	68,441.25
Charles River Flood Control Act of 1955 (Ch.768)	50,000.00	12,862.50
Charles River Flood Control Act of 1961 (Ch.520)	25,000.00	10,075.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	265,907.20	107,892.50
Mystic River Dam Loan, Act of 1957 (Ch.647)	228,000.00	136,195.00
Mystic River Dam Loan, Act of 1963 (Ch.547)	310,000.00	256,080.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch.731)	50,000.00	12,000.00

### Metropolitan Parks Expenses (Continued)

Metropolitan District Commission			
Recreational Loan, Act of 1957 (Ch.627)	247,000.00	74,243.50	
Metropolitan District Commission			
Recreational Loan, Act of 1959 (Ch.549)	243,000.00	83,723.45	
Metropolitan District Commission			
Recreational Loan, Act of 1962 (Ch.704)	170,000.00	71,905.00	
Metropolitan District Commission			
Recreational Loan, Act of 1963 (Ch.657)	250,000.00	152,675.00	
Metropolitan District Commission			
Recreational Loan, Act of 1965 (Ch.681)	175,000.00	117,590.00	
Metropolitan District Commission			
Recreational Loan, Act of 1966 (Ch.650)	325,000.00	136,800.00	
Interest on Average Monthly Deficits		11,558.00	
	<hr/>	<hr/>	
Maintenance as appropriated by the Legislature	\$2,710,907.20	\$1,365,323.45	\$4,076,230.65
			8,532,138.39
Total Metropolitan Parks expenses to be assessed			<hr/> \$12,608,369.04



**METROPOLITAN PARKS DISTRICT RESERVATIONS  
AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements  
as Determined by the Metropolitan District Commission**

<i>Cities and Towns</i>	<i>Cities and Towns Valuation Ch. 660 Acts of 1963 adj. to nearest \$1,000.00 (000's omitted)</i>	<i>Valuation Per Cent Note 1</i>	<i>Population 1970 Census</i>	<i>Population Per Cent</i>	<i>Average Per Cent Ch. 554 Acts of 1949 – Note 2</i>
Arlington	\$ 110,391	.022434	53,534	.026524	.023982
Belmont	94,029	.019109	28,285	.014014	.017546
Boston	1,628,334	.330911	641,071	.317631	.329019
Braintree	61,885	.012576	35,050	.017366	.014283
Brookline	210,814	.042842	58,886	.029176	.038584
Cambridge	249,777	.050760	100,361	.049726	.050806
Canton	22,574	.004587	17,100	.008473	.005928
Chelsea	52,087	.010585	30,625	.015174	.012209
Dedham	61,241	.012445	26,938	.013347	.012845
Dover	11,146	.002265	4,529	.002244	.002276
Everett	164,421	.033414	42,485	.021050	.029520
Hingham	34,740	.007060	18,845	.009337	.007880
Hull	25,999	.005284	9,961	.004935	.005208
Lynn	226,053	.045939	90,294	.044738	.045893
Malden	106,839	.021712	56,127	.027809	.023928
Medford	121,107	.024611	64,397	.031907	.027253
Melrose	70,358	.014298	33,180	.016440	.015129
Milton	77,947	.015840	27,190	.013472	.015168
Nahant	9,081	.001845	4,119	.002041	.001926
Needham	71,924	.014616	29,748	.014739	.014771
Newton	290,472	.059030	91,066	.045120	.054815
Quincy	222,963	.045311	87,966	.043585	.045083
Revere	72,400	.014713	43,159	.021384	.017068
Saugus	37,146	.007549	25,110	.012441	.009252
Somerville	166,267	.033789	88,779	.043987	.037477
Stoneham	34,132	.006936	20,725	.010269	.008110
Swampscott	45,256	.009197	13,578	.006728	.000670 (4)
Wakefield	50,158	.010193	25,402	.012586	.011077
Waltham	115,743	.023521	61,582	.030512	.026052
Watertown	99,022	.020123	39,307	.019476	.020062
Wellesley	93,415	.018984	28,051	.013899	.017423
Weston	29,754	.006047	10,870	.005386	.005873
Westwood	24,899	.005060	12,750	.006317	.005522
Weymouth	127,113	.025832	54,610	.027058	.026444
Winchester	62,448	.012691	22,269	.011034	.012232
Winthrop	38,829	.007891	20,335	.010075	.008686
	<hr/>				
	\$4,920,764	1.000000	2,018,284	1.000000	1.000000
Cohasset (Note 3) m	18,797	.003805	6,954	.003434	.000295
<b>Total</b>	<hr/>		<hr/>		
	\$4,939,561		2,025,238		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8 % of its proportion.)

Note 4. Swampscott Maintenance – Ch. 405 of 1968

**METROPOLITAN PARKS DISTRICT RESERVATIONS  
AND BOULEVARDS  
TOTAL ASSESSMENTS**

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	60,816.49	30,629.67	204,557.38	296,003.54
Belmont	51,802.73	26,089.97	149,660.74	227,553.44
Boston	897,069.01	451,800.55	2,806,407.51	4,155,277.07
Braintree	34,092.37	17,170.31	121,828.58	173,091.26
Brookline	116,140.69	58,493.19	329,106.91	503,740.79
Cambridge	137,605.65	69,303.82	433,355.95	640,265.42
Canton	12,434.93	6,262.74	50,563.60	69,261.27
Chelsea	28,694.95	14,451.95	104,138.15	147,285.05
Cohasset			2,516.98	2,516.98
Dedham	33,737.24	16,991.45	109,562.99	160,291.68
Dover	6,140.20	3,092.46	19,413.42	28,646.08
Everett	90,582.25	45,620.92	251,794.42	387,997.59
Hingham	19,139.00	9,639.18	67,213.42	95,991.60
Hull	14,324.43	7,214.37	44,422.27	65,961.07
Lynn	124,536.37	62,721.59	391,449.92	578,707.88
Malden	58,859.22	29,643.90	204,096.78	292,599.90
Medford	66,718.14	33,601.98	232,457.77	332,777.89
Melrose	38,760.55	19,521.39	129,044.64	187,326.58
Milton	42,940.77	21,626.72	129,377.30	193,944.79
Nahant	5,001.62	2,519.02	16,428.05	23,948.69
Needham	39,622.62	19,955.57	125,991.04	185,569.23
Newton	160,024.85	80,595.04	467,551.20	708,171.09
Quincy	122,833.92	61,864.17	384,540.92	569,239.01
Revere	39,885.58	20,088.00	145,583.58	205,557.16
Saugus	20,464.64	10,306.83	78,916.06	109,687.53
Somerville	91,598.84	46,132.91	319,664.62	457,396.37
Stoneham	18,802.85	9,469.88	69,175.23	97,447.96
Swampscott	24,932.21	12,556.88	5,714.85	43,203.94
Wakefield	27,632.28	13,916.74	94,482.62	136,031.64
Waltham	63,763.25	32,113.77	222,213.70	318,090.72
Watertown	54,551.59	27,474.40	171,121.26	253,147.25
Wellesley	51,463.86	25,919.30	148,611.59	225,994.75
Weston	16,392.86	8,256.11	50,094.47	74,743.44
Westwood	13,717.19	6,908.54	47,100.56	67,726.29
Weymouth	70,028.15	35,269.04	225,557.30	330,854.49
Winchester	34,404.13	17,327.32	104,334.32	156,065.77
Winthrop	21,391.77	10,773.77	74,088.29	106,253.83
	<b>\$2,710,907.20</b>	<b>\$1,365,323.45</b>	<b>\$8,532,138.39</b>	<b>\$12,608,369.04</b>

# **METROPOLITAN PARKS AND SEWERAGE DISTRICTS COMPARISON OF ASSESSMENTS 1970 and 1971**

	<i>Parks 1970</i>	<i>Parks 1971</i>	<i>Sewerage 1970</i>	<i>Sewerage 1971</i>
Arlington	283,563.40	296,003.54	306,097.88	336,459.77
Ashland			29,885.26	32,258.97
Belmont	219,904.81	227,553.44	144,309.93	155,479.22
Boston	3,968,215.64	4,155,277.07	4,106,880.44	4,557,773.20
Braintree	165,129.80	173,091.26	149,077.55	165,829.53
Brookline	478,156.59	503,740.79	259,850.83	300,188.41
Burlington			78,417.20	93,426.27
Cambridge	606,161.93	640,265.42	861,716.30	928,811.27
Canton	64,211.41	69,261.27	81,880.98	95,186.21
Chelsea	136,967.61	147,285.05	224,260.80	256,132.82
Cohasset	2,302.91	2,516.98		
Dedham	153,909.21	160,291.68	168,273.85	184,444.24
Dover	26,314.29	28,646.08		
Everett	375,105.13	387,997.59	269,257.81	294,655.01
Framingham			181,220.29	238,837.26
Hingham	90,681.72	95,991.60	35,289.39	39,931.01
Hull	61,995.08	65,961.07		
Lexington			159,745.66	175,329.18
Lynn	560,537.83	578,707.88		
Malden	281,701.97	292,599.90	288,692.42	314,355.62
Medford	314,975.34	332,777.89	433,287.56	485,221.27
Melrose	178,903.15	187,326.58	219,308.43	243,507.86
Milton	187,520.04	193,944.79	205,577.70	222,461.85
Nahant	22,989.56	23,948.69		
Natick			136,611.30	148,149.77
Needham	178,105.63	185,569.23	151,519.55	166,469.66
Newton	678,738.52	708,171.09	582,992.58	643,815.22
Norwood			129,715.88	147,195.51
Quincy	547,130.66	569,239.01	525,810.05	575,614.66
Randolph			87,428.36	112,481.61
Reading			72,066.39	82,711.42
Revere	196,816.81	205,557.16	190,998.71	210,389.63
Saugus	103,266.02	109,687.53		
Somerville	437,004.81	457,396.37	468,829.77	527,845.27
Stoneham	92,956.75	97,447.96	107,287.99	118,685.87
Stoughton			62,929.11	80,566.03
Swampscott	43,651.17	43,203.94		
Wakefield	131,181.20	136,031.64	134,753.58	145,251.18
Walpole			61,364.52	72,491.10
Waltham	300,173.77	318,090.72	285,888.71	325,830.42
Watertown	244,899.96	253,147.25	216,759.83	233,459.51
Wellesley	215,332.04	225,994.75	116,821.13	132,886.44
Weston	70,586.92	74,743.44		
Westwood	64,350.66	67,726.29	58,290.90	65,520.64
Weymouth	312,968.58	330,854.49	230,267.90	264,198.96
Wilmington			53,701.16	64,371.21
Winchester	149,469.08	156,065.77	185,895.05	206,752.21
Winthrop	102,371.27	106,253.83	119,030.01	129,476.57
Woburn			235,898.23	263,998.64
	<b>\$12,048,251.27</b>	<b>\$12,608,369.04</b>	<b>\$12,417,890.99</b>	<b>\$13,838,450.50</b>

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1971

Bonds Outstanding (serial)

Sewerage Loan, North System, Act of 1945 (Ch. 705)	280,000.00
District Sewerage Loan, Act of 1949 (Ch. 606)	14,405,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	15,337,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	508,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	424,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	604,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	90,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	19,964,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	4,030,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,700,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,530,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	4,050,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	8,660,000.00
Sewerage Loan, South System (Ch. 705)	1,498,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	928,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	1,052,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	462,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	298,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	696,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	538,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	604,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	296,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	6,265,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	440,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	8,000,000.00

Total Net Sewerage Debt, June 30, 1971

\$93,659,000.00



## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Expenses

<i>Debt Service:</i>	<i>Serial Bonds:</i>	<i>Interest</i>
Sewerage Loan, North System, Act of 1945 (Ch. 705)	70,000.00	5,880.00
District Sewerage Loan, Act of 1949 (Ch. 606)	695,700.00	459,430.00
Sewerage Loan, Act of 1951 (Ch. 645)	681,300.00	378,587.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	11,176.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	21,400.00	13,026.25
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	15,439.86	21,140.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	3,500.00	3,150.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	588,851.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	122,365.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	56,000.00	63,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	59,990.00
Metropolitan Sewerage Loan,, Act of 1962 (Ch. 658)	89,500.00	147,381.25
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	192,500.00	323,047.50
Sewerage Loan, South System (Ch. 705)	283,000.00	33,562.50
District Sewerage Loan Act of 1951 (Ch. 527)	54,485.38	20,416.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	24,257.75
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	10,164.00
District Sewerage Loan, Act of 1954 (Ch. 580)	18,000.00	7,947.50
District Sewerage Loan, Act of 1955 (Ch. 410)	36,900.00	21,016.25

### Metropolitan Sewerage Expenses (Continued)

District Sewerage Loan, Act of 1955 (Ch. 551)	33,000.00	14,341.25	
District Sewerage Loan, Act of 1957 (Ch. 710)	14,766.67	21,140.00	
District Sewerage Loan, Act of 1957 (Ch. 764)	11,900.00	10,360.00	
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	382,615.00	
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	17,000.00	19,800.00	
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	318,888.89	
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)		165,000.00	
Premium on Sale of Bonds	(45,180.00)		
Interest on Average Monthly Deficit		86,441.00	
	<u>\$3,353,511.91</u>	<u>3,333,874.64</u>	\$6,687,386.55
Maintenance			7,151,063.95
Total Metropolitan Sewerage Expenses			<u>\$13,838,450.50</u>

North and South Systems combined under Chapter 612, Acts of 1959

# METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION

Ratios of contribution on the basis of G.L. Chap. 92, Sections 5 and 6  
and the census returns of 1970, as determined by the  
Metropolitan District Commission, Sewerage Division

<i>City or Town</i>	<i>Estimated Pro-Rated Demand M.G.D.</i>	<i>Ratios For Principal and Interest Fiscal Year Ending June 30, 1972</i>	<i>Population State Census 1970</i>	<i>Ratios for Maintenance Fiscal Year Ending June 30, 1971</i>
Arlington	26.721	.024116	53,524	.024498
Ashland	0.529	.000477	8,882	.004065
Belmont	10.422	.009406	28,285	.012946
Boston	407.514	.367781	641,071	.293422
Braintree	8.467	.007642	35,050	.016043
Brookline	17.804	.016068	58,886	.026952
Burlington	3.560	.003213	21,980	.010060
Cambridge	99.467	.089769	100,361	.045936
Canton	6.498	.005864	17,100	.007827
Chelsea	25.830	.023312	30,625	.014017
Dedham	15.951	.014396	26,938	.012330
Everett	25.781	.023267	42,485	.019446
Framingham	4.839	.004367	64,048	.029315
Hingham	2.787	.002515	7,061	.003232
Lexington	11.758	.010612	31,886	.014594
Malden	21.646	.019536	56,127	.025690
Medford	45.473	.041039	64,397	.029475
Melrose	22.352	.020173	33,180	.015187
Milton	22.114	.019958	27,190	.012445
Natick	7.704	.006953	31,057	.014215
Needham	11.449	.010333	29,748	.013616
Newton	57.286	.051701	91,066	.041682
Norwood	7.677	.006929	30,815	.014104
Quincy	47.668	.043020	87,966	.040263
Randolph	3.976	.003588	27,035	.012374
Reading	1.481	.001337	22,539	.010316
Revere	11.454	.010337	43,159	.019754
Somerville	39.312	.035479	88,779	.040635
Stoneham	8.426	.007604	20,725	.009486
Stoughton	0.627	.000566	23,459	.010737
Wakefield	10.290	.009287	25,402	.011627
Walpole	2.168	.001957	18,149	.008307
Waltham	19.278	.017398	64,002*	.029294
Watertown	17.365	.015672	39,307	.017991
Wellesley	6.805	.006142	28,051	.012839
Westwood	3.941	.003557	12,750	.005836
Weymouth	14.160	.012779	54,610	.024995
Wilmington	1.391	.001255	17,102	.007828
Winchester	22.180	.020017	22,269	.010193
Winthrop	10.426	.009409	20,335	.009307
Woburn	23.456	.021169	37,406	.017121
Totals	1,108.033	1.000000	2,184,807	1.000000

\* Including 2420 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

August 4, 1971

## METROPOLITAN SEWERAGE DISTRICT

## Total Assessments

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	80,873.29	80,399.72	175,186.76	336,459.77
Ashland	1,599.63	1,590.26	29,069.08	32,258.97
Belmont	31,543.13	31,358.42	92,577.67	155,479.22
Boston	1,233,357.96	1,226,135.75	2,098,279.49	4,557,773.20
Braintree	25,627.54	25,477.47	114,724.52	165,829.53
Brookline	53,884.23	53,568.70	192,735.48	300,188.41
Burlington	10,774.83	10,711.74	71,939.70	93,426.27
Cambridge	301,041.41	299,278.59	328,491.27	928,811.27
Canton	19,664.99	19,549.84	55,971.38	95,186.21
Chelsea	78,177.07	77,719.29	100,236.46	256,132.82
Dedham	48,277.16	47,994.46	88,172.62	184,444.24
Everett	78,026.16	77,569.26	139,059.59	294,655.01
Framingham	14,644.79	14,559.03	209,633.44	238,837.26
Hingham	8,434.08	8,384.69	23,112.24	39,931.01
Lexington	35,587.47	35,379.08	104,362.63	175,329.18
Malden	65,514.21	65,130.58	183,710.83	314,355.62
Medford	137,624.78	136,818.88	210,777.61	485,221.27
Melrose	67,650.40	67,254.25	108,603.21	243,507.86
Milton	66,929.39	66,537.47	88,994.99	222,461.85
Natick	23,316.97	23,180.43	101,652.37	148,149.77
Needham	34,651.84	34,448.93	97,368.89	166,469.66
Newton	173,379.92	172,364.65	298,070.65	643,815.22
Norwood	23,236.48	23,100.42	100,858.61	147,195.51
Quincy	144,268.08	143,423.29	287,923.29	575,614.66
Randolph	12,032.40	11,961.94	88,487.27	112,481.61
Reading	4,483.65	4,457.39	73,770.38	82,711.42
Revere	34,665.25	34,462.26	141,262.12	210,389.63
Somerville	118,979.25	118,282.54	290,583.48	527,845.27
Stoneham	25,500.10	25,350.78	67,834.99	118,685.87
Stoughton	1,898.09	1,886.97	76,780.97	80,566.03
Wakefield	31,144.07	30,961.69	83,145.42	145,251.18
Walpole	6,562.82	6,524.39	59,403.89	72,491.10
Waltham	58,344.40	58,002.75	209,483.27	325,830.42
Watertown	52,556.24	52,248.48	128,654.79	233,459.51
Wellesley	20,597.27	20,476.66	91,812.51	132,886.44
Westwood	11,928.44	11,858.59	41,733.61	65,520.64
Weymouth	42,854.53	42,603.59	178,740.84	264,198.96
Wilmington	4,208.66	4,184.02	55,978.53	64,371.21
Winchester	67,127.25	66,734.17	72,890.79	206,752.21
Winthrop	31,553.19	31,368.43	66,554.95	129,476.57
Woburn	70,990.49	70,574.79	122,433.36	263,998.64
	\$3,353,511.91	\$3,333,874.64	\$7,151,063.95	\$13,838,450.50



## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

	<i>Metropolitan Sewerage</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks</i>	<i>Total</i>
Net Debt June 30, 1971				
Arlington	2,258,680.44	2,938,162.77	832,929.55	6,029,772.76
Ashland	44,675.34			44,675.34
Belmont	880,956.55	1,122,269.69	709,478.95	2,712,705.19
Boston	34,446,000.68	61,432,440.61	12,286,063.60	108,164,504.89
Braintree	715,742.08		466,921.73	1,182,663.81
Brookline	1,504,912.81	3,198,080.34	1,590,637.78	6,293,630.93
Burlington	300,926.37			300,926.37
Cambridge	8,407,674.77	424,528.10	1,884,617.28	10,716,820.15
Canton	549,216.38	382,169.42	170,306.14	1,101,691.94
Chelsea	2,183,378.61	1,575,507.57	392,999.88	4,151,886.06
Dedham	1,348,314.96		462,057.96	1,810,372.92
Dover			84,094.92	84,094.92
Everett	2,179,163.95	3,473,882.41	1,240,594.99	6,893,641.35
Framingham	409,008.85			409,008.85
Hingham	235,552.39		262,123.68	497,676.07
Hull			196,184.35	196,184.35
Lexington	993,909.31	1,954,853.08		2,948,762.39
Lynn			1,705,623.19	1,705,623.19
Lynnfield Water District		136,371.41		136,371.41
Malden	1,829,722.22	2,999,465.20	806,123.14	5,635,310.56
Marblehead		969,660.78		969,660.78
Medford	3,843,671.70	3,503,415.83	913,757.21	8,260,844.74
Melrose	1,889,383.01	1,301,470.44	530,856.14	3,721,709.59
Milton	1,869,246.32	1,098,501.77	588,107.52	3,555,855.61
Nahant		243,091.76	68,501.16	311,592.92
Natick	651,211.03			651,211.03
Needham	967,778.45	450,531.63	542,662.85	1,960,972.93
Newton	4,842,263.96	5,036,917.70	2,191,665.84	12,070,847.50
Norwood	648,963.21	1,666,461.07		2,315,424.28
Peabody		254,387.41		254,387.41
Quincy	4,029,210.18	4,440,836.95	1,682,306.81	10,152,353.94
Randolph	336,048.49			336,048.49
Reading	125,222.08			125,222.08
Revere	968,153.08	1,712,702.63	546,264.26	3,227,119.97
Saugus		1,288,174.52	280,279.27	1,568,453.79
Somerville	3,322,927.66	4,648,394.48	1,254,517.99	9,225,840.13
Stoneham	712,183.04	1,360,772.60	257,519.81	2,330,475.45
Stoughton	53,010.99			53,010.99
Swampscott		708,331.26	341,466.22	1,049,797.48
Wakefield	869,811.13	1,193,808.80	378,445.70	2,442,065.63
Walpole	183,290.66			183,290.66
Waltham	1,629,479.28	4,677,339.58	873,287.69	7,180,106.55
Watertown	1,467,823.85	2,070,751.14	747,126.74	4,285,701.73
Wellesley	575,253.58		704,837.95	1,280,091.53
Weston		311,336.30	224,513.02	535,849.32
Westwood	333,145.06		187,867.68	521,012.74
Weymouth	1,196,868.36		959,090.50	2,155,958.86
Wilmington	117,542.05			117,542.05
Winchester	1,874,772.20	304,864.83	471,191.45	2,650,828.48
Winthrop	881,237.54	783,517.92	292,977.05	1,957,732.51
Woburn	1,982,667.38			1,982,667.38
	\$93,659,000.00	\$117,663,000.00	\$37,128,000.00	\$248,450,000.00









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*The Commonwealth of Massachusetts*



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# ASSESSMENTS OF THE METROPOLITAN DISTRICTS



Compiled in the Office of  
ROBERT Q. CRANE  
TREASURER AND RECEIVER-GENERAL



# The Commonwealth of Massachusetts

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1972

## ASSESSMENTS FOR INTEREST, SERIAL BONDS AND MAINTENANCE OF THE METROPOLITAN DISTRICTS



Publication of this Document Approved by Alfred C. Holland, State Purchasing Agent.

350-4-73-075017

Estimated Cost Per Copy \$1.22

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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1972

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest serial bonds, and maintenance for 1972 to be paid by the cities and towns comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

Since September 1, 1971, bonds have been issued as follows:

Metropolitan District Commission Recreation Loan,	
Act of 1966 (Chapt. 650) . . . . .	\$2,000,000.00
Metropolitan District Commission Recreation Loan,	
Act of 1968 (Chapt. 589) . . . . .	2,000,000.00
Met. Water District — Water Use Development Loan	
Chapt. 587 — 1945)(Chapt. 549 — 1946) . . . . .	3,680,000.00
Metropolitan Water District Additional Loan,	
Act of 1967 (Chapt. 669) . . . . .	8,000,000.00
Metropolitan District Commission Recreation Loan,	
Acts of 1970 (Chapt. 725) . . . . .	2,000,000.00

## Metropolitan Sewer

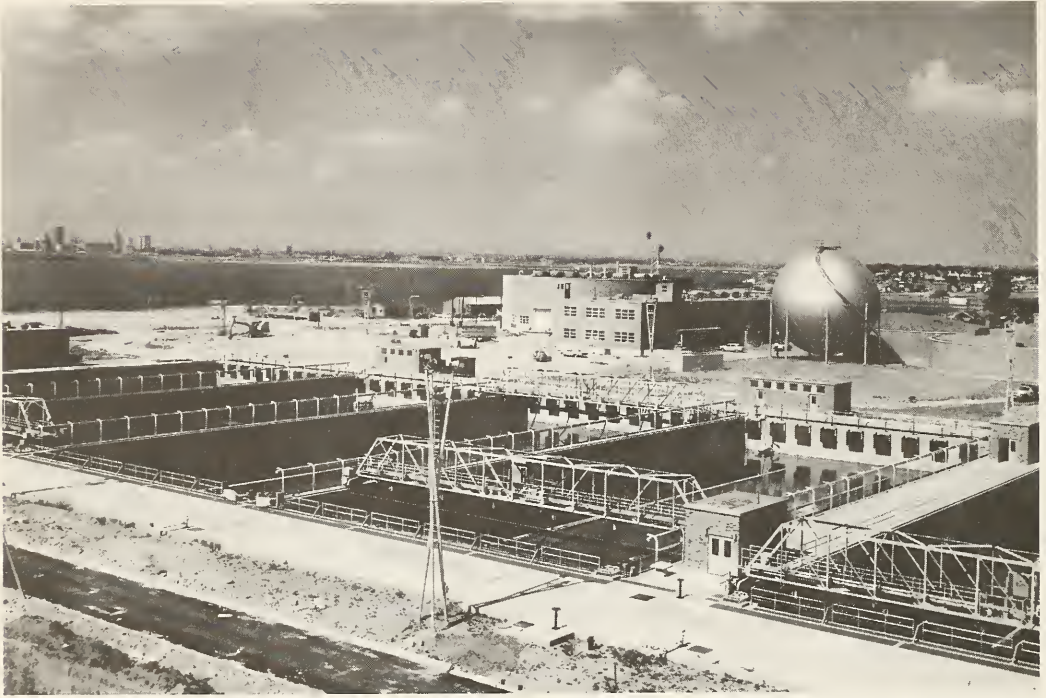
Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system of which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section 5; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connection authorized by law after January first, nineteen hundred and sixty or authorized by the com-





mission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is

included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## Metropolitan Water

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the



previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds



## Metropolitan Parks



issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949). The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE  
*Treasurer and Receiver-General*



## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1972

<i>Cities and Towns</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks and Boulevards</i>	<i>Metropolitan Sewerage System</i>	<i>Total</i>
Arlington	304,500.00	384,035.68	327,664.09	1,016,199.77
Ashland			30,200.58	30,200.58
Belmont	121,394.76	293,708.23	150,535.39	565,638.38
Boston	6,375,047.52	5,378,022.43	4,433,362.21	16,186,432.16
Braintree		225,011.72	159,458.33	384,470.05
Brookline	354,347.52	649,748.72	297,596.61	1,301,692.85
Burlington			89,921.10	89,921.10
Cambridge	46,803.60	828,858.37	908,780.07	1,784,442.04
Canton	53,546.04	90,400.17	91,271.21	235,217.42
Chelsea	170,425.32	191,559.37	250,199.62	612,184.31
Cohasset		3,421.21		3,421.21
Dedham		207,720.79	175,217.94	382,938.73
Dover		37,088.85		37,088.85
Everett	337,526.52	500,118.46	284,679.78	1,122,324.76
Framingham			230,491.80	230,491.80
Hingham		124,715.32	38,546.51	163,261.83
Hull		85,345.61		85,345.61
Lexington	209,826.00		178,788.72	388,614.72
Lynn		749,120.44		749,120.44
Lynnfield Water District	15,434.04			15,434.04
Malden	321,157.32	379,998.46	337,922.32	1,039,078.10
Marblehead	101,989.20			101,989.20
Medford	364,842.12	432,244.67	459,769.29	1,256,856.08
Melrose	125,276.52	242,955.87	214,369.93	582,602.32
Milton	104,802.24	250,693.32	215,367.93	570,863.49
Nahant	25,253.52	31,046.66		56,300.18
Natick			140,218.24	140,218.24
Needham	51,265.32	240,307.67	160,226.76	451,799.75
Newton	568,899.00	914,410.50	624,817.03	2,108,126.53
Norwood	216,432.00		142,054.29	358,486.29
Peabody	45,727.20			45,727.20
Quincy	463,597.20	736,762.36	571,959.76	1,772,319.32
Randolph			107,802.52	107,802.52
Reading			79,099.39	79,099.39
Revere	173,375.04	267,397.11	203,022.75	643,794.90
Saugus	128,458.44	142,932.45		271,390.89
Somerville	476,253.12	594,142.70	512,102.55	1,582,498.37
Stoneham	139,986.96	126,796.06	115,228.08	382,011.10
Stoughton			76,694.31	76,694.31
Swampscott	72,234.60	51,219.83		123,454.43
Wakefield	109,309.20	176,583.07	133,241.77	419,134.04
Walpole			69,177.96	69,177.96
Waltham	495,707.16	413,170.62	313,954.46	1,222,832.24
Watertown	209,676.96	327,669.16	226,469.03	763,815.15
Wellesley		291,691.59	127,519.61	419,211.20
Weston	28,795.32	96,660.40		125,455.72
Westwood		87,927.78	62,744.67	150,672.45
Weymouth		428,633.92	254,201.14	682,835.06
Wilmington			61,635.76	61,635.76
Winchester	55,646.52	201,775.99	203,255.97	460,678.48
Winthrop	79,757.52	137,986.10	125,816.07	343,559.69
Woburn			258,067.38	258,067.38
	\$12,347,293.80	\$16,321,881.66	\$13,443,452.93	\$42,112,628.39

# METROPOLITAN WATER DISTRICT Metropolitan Water Debt

Gross (and net) debt June 30, 1972

Bonds Outstanding (serial)

Additional Water	4,973,000.00
Water Use Development Loan	54,098,000.00
Water Main Loan, Act of 1949	990,000.00
Water Main Loan, Act of 1954	686,000.00
Water Main Loan, Act of 1957	1,192,000.00
Water Main Loan, Act of 1959	956,000.00
Water Loan, Act of 1950	7,824,000.00
Water Loan, Act of 1952	4,450,000.00
Clinton Sewage Loan, Act of 1954	276,000.00
Metropolitan Water District Additional Loan, Act of 1956	15,625,000.00
Metropolitan Water District Additional Loan, Act of 1961	8,590,000.00
Metropolitan Water District Additional Loan, Act of 1962	9,025,000.00
Metropolitan Water District Additional Loan, Act of 1964	1,225,000.00
Metropolitan Water District Additional Loan, Act of 1966	11,375,000.00
Metropolitan Water District Additional Loan, Act of 1967	8,000,000.00

Total Net Water Debt June 30, 1972

\$129,285,000.00

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1972:

*Fund Requirements, July 1, 1971*

\$ 3,682,946.36

*Fiscal Year Charges:*

Appropriations	\$16,851,284.00
Appropriations of Restricted Revenue	676,505.58
Expenditures Authorized - Not Appropriated	18,609.71
Authorized Transfers	682,597.96
Adjustment of Prior Year Balance Forward	33,075.63
	<u>18,262,072.88</u>

*Deduct Reversions:*

Appropriations	\$332,035.61	
Accounts Payable	109,882.96	
	<u>441,918.57</u>	<u>17,820,154.31</u>
Total Charges		21,503,100.67

*Operating Revenues:*

Direct Assessments	12,512,424.00
Departmental Revenue	1,148,880.88
Proceeds from Sale of Water Use Development Loan Bonds	3,680,000.00
Transfer Receipts	576,557.55
	<u>17,917,862.43</u>

Total Revenue

17,917,862.43

*Fund Requirements, June 30, 1972*

\$ 3,585,238.24

## METROPOLITAN WATER ASSESSMENT FOR 1972

<i>Cities and Towns</i>	<i>Total Consumption for 1971 in Million Gallons</i>	<i>1972 Charge at \$120 per mil. gals (Chap. 723, Acts of 1962)</i>	<i>Proportion for Computing Share</i>
Arlington	2,537.500	304,500.00	.024661
Belmont	1,011.623	121,394.76	.009832
Boston	53,125.396	6,375,047.52	.516311
Brookline <sup>1</sup>	2,952.896	354,347.52	.028698
Cambridge <sup>1</sup>	390.030	46,803.60	.003791
Canton <sup>1,2</sup>	446.217	53,546.04	.004337
Chelsea	1,420.211	170,425.32	.013803
Everett	2,812.721	337,526.52	.027336
Lexington	1,748.550	209,826.00	.016994
Lynnfield Water District	128.617	15,434.04	.001250
Malden	2,676.311	321,157.32	.026010
Marblehead	849.910	101,989.20	.008260
Medford	3,040.351	364,842.12	.029548
Melrose	1,043.971	125,276.52	.010146
Milton	873.352	104,802.24	.008488
Nahant <sup>1</sup>	210.446	25,253.52	.002045
Needham <sup>1</sup>	427.211	51,265.32	.004152
Newton	4,740.825	568,899.00	.046075
Norwood	1,803.600	216,432.00	.017529
Peabody <sup>1</sup>	381.060	45,727.20	.003703
Quincy	3,863.310	463,597.20	.037546
Revere	1,444.792	173,375.04	.014042
Saugus	1,070.487	128,458.44	.010404
Somerville	3,968.776	476,253.12	.038571
Stoneham	1,166.558	139,986.96	.011337
Swampscott	601.955	72,234.60	.005850
Wakefield <sup>1</sup>	910.910	109,309.20	.008853
Waltham	4,130.893	495,707.16	.040147
Watertown	1,747.308	209,676.96	.016982
Weston <sup>1,2</sup>	239.961	28,795.32	.002332
Winchester <sup>1</sup>	463.721	55,646.52	.004507
Winthrop	664.646	79,757.52	.006460
	102,894.115	\$12,347,293.80	1.000000

(1) Partial Supply Only:

Note: Not included in above:

Assessment for Water Connections:

(2)

Canton — second of ten payments

\$55,594.85

Waltham — ninth of ten payments

27,511.65

Assessment for Entrance Fees:

(2)

Canton — second of ten payments

11,975.90

Weston — seventh of ten payments

7,111.92

No water was discharged into the Charles River during the year 1971 under the provisions of Chap. 603 of the Acts of 1950.

Credit to Brookline for property acquired: Twentieth of twenty-five payments — \$1,887.50

# COMPARISON OF ASSESSMENTS 1971 and 1972 WITH REVENUE FROM WATER RATES IN 1971

<i>Cities and Towns</i>	<i>1971</i>	<i>1972</i>	<i>Water Revenue Received in Cities and Towns 1971</i>
Arlington	\$ 296,808.48	\$ 304,500.00	\$ 604,463.37
Belmont	113,364.84	121,394.76	437,495.97
Boston	6,205,719.96	6,375,047.52	9,602,614.98
Brookline	323,057.76	354,347.52	1,099,388.47
Cambridge	42,880.80	46,803.60	2,048,918.93
Canton	38,608.80	53,546.04	239,305.17
Chelsea	159,154.68	170,425.32	481,619.61
Everett	350,928.00	337,526.52	559,441.60
Lexington	197,476.32	209,826.00	559,301.08
Lynnfield Water District	13,772.76	15,434.04	104,213.14
Malden	302,997.96	321,157.32	574,539.01
Marblehead	97,949.40	101,989.20	337,871.12
Medford	353,905.56	364,842.12	728,169.02
Melrose	131,472.96	125,276.52	354,113.82
Milton	110,969.52	104,802.24	460,702.27
Nahant	24,555.48	25,253.52	65,045.27
Nedham	45,511.20	51,265.32	434,883.93
Newton	508,809.96	568,899.00	993,945.34
Norwood	168,342.00	216,432.00	449,205.28
Peabody	25,695.72	45,727.20	728,152.73
Quincy	448,599.60	463,597.20	1,204,941.42
Revere	173,016.96	173,375.04	299,722.21
Saugus	130,132.56	128,458.44	313,607.42
Somerville	469,563.72	476,253.12	871,809.96
Stoneham	137,461.08	139,986.96	308,526.56
Swampscott	71,553.84	72,234.60	176,516.26
Wakefield	120,597.60	109,309.20	548,010.71
Waltham	472,492.32	495,707.16	1,135,559.28
Watertown	209,179.92	209,676.96	506,531.37
Weston	31,446.72	28,795.32	233,068.81
Winchester	30,794.40	55,646.52	373,100.83
Winthrop	79,148.28	79,757.52	210,289.53
	<hr/>	<hr/>	<hr/>
	\$11,885,969.16	\$12,347,293.80	\$27,045,074.47



## METROPOLITAN PARKS DISTRICT

### Metropolitan Parks Debt

Gross (and net) June 30, 1972

Bonds outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 649,000.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	1,350,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	1,154,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	1,896,000.00
Charles River Flood Control Act of 1955 (Ch. 768)	315,000.00
Charles River Flood Control Act of 1961 (Ch. 520)	300,000.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	2,945,000.00
Mystic River Dam Loan, Act of 1957 (Ch. 647)	4,122,000.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	6,980,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	300,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	1,883,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	2,384,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	1,815,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	3,600,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	2,410,000.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	4,250,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	2,000,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	<u>2,000,000.00</u>
	\$40,353,000.00

### Metropolitan Parks Expenses

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	103,000.00	30,180.50
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	100,000.00	43,950.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	67,000.00	38,531.25
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	102,000.00	64,983.75
Charles River Flood Control Act of 1955 (Ch. 768)	50,000.00	11,287.50
Charles River Flood Control Act of 1961 (Ch. 520)	25,000.00	9,300.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	270,000.00	98,817.50
Mystic River Dam Loan, Act of 1957 (Ch. 647)	229,000.00	129,175.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	310,000.00	245,410.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00	10,500.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	247,000.00	66,216.50

### Metropolitan Parks Expenses (Continued)

Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	303,000.00	85,116.00	
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	165,000.00	66,107.50	
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	250,000.00	143,075.00	
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	175,000.00	109,890.00	
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	614,742.20	156,688.89	
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	299,742.20	36,888.89	
Interest on Average Monthly Deficits		17,974.49	
	<hr/>	<hr/>	
Maintenance as appropriated by the Legislature	\$3,360,484.40	\$1,364,092.77	\$ 4,724,577.17
			<u>11,597,304.49</u>
Total Metropolitan Parks expenses to be assessed			\$16,321,881.66

**METROPOLITAN PARKS DISTRICT RESERVATIONS  
AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements  
as Determined by the Metropolitan District Commission**

<i>Cities and Towns</i>	<i>Cities and Towns Valuation Ch. 660 Acts of 1963 adj. to nearest \$1,000.00 (000's omitted)</i>	<i>Valuation Per Cent Note 1</i>	<i>Population 1970 Census</i>	<i>Population Per Cent</i>	<i>Average Per Cent Ch. 554 Acts of 1949 - Note 2</i>
Arlington	\$ 110,391	.022434	53,534	.026524	.023982
Belmont	94,029	.019109	28,285	.014014	.017546
Boston	1,628,334	.330911	641,071	.317631	.329019
Braintree	61,885	.012576	35,050	.017366	.014283
Brookline	210,814	.042842	58,886	.029176	.038584
Cambridge	249,777	.050760	100,361	.049726	.050806
Canton	22,574	.004587	17,100	.008473	.005928
Chelsea	52,087	.010585	30,625	.015174	.012209
Dedham	61,241	.012445	26,938	.013347	.012845
Dover	11,146	.002265	4,529	.002244	.002276
Everett	164,421	.033414	42,485	.021050	.029520
Hingham	34,740	.007060	18,845	.009337	.007880
Hull	25,999	.005284	9,961	.004935	.005208
Lynn	226,053	.045939	90,294	.044738	.045893
Malden	106,839	.021712	56,127	.027809	.023928
Medford	121,107	.024611	64,397	.031907	.027253
Melrose	70,358	.014298	33,180	.016440	.015129
Milton	77,947	.015840	27,190	.013472	.015168
Nahant	9,081	.001845	4,119	.002041	.001926
Needham	71,924	.014616	29,748	.014739	.014771
Newton	290,472	.059030	91,066	.045120	.054815
Quincy	222,963	.045311	87,966	.043585	.045083
Revere	72,400	.014713	43,159	.021384	.017068
Saugus	37,146	.007549	25,110	.012441	.009252
Somerville	166,267	.033789	88,779	.043987	.037477
Stoneham	34,132	.006936	20,725	.010269	.008110
Swampscott	45,256	.009197	13,578	.006728	.000670 (4)
Wakefield	50,158	.010193	25,402	.012586	.011077
Waltham	115,743	.023521	61,582	.030512	.026052
Watertown	99,022	.020123	39,307	.019476	.020062
Wellesley	93,415	.018984	28,051	.013899	.017423
Weston	29,754	.006047	10,870	.005386	.005873
Westwood	24,899	.005060	12,750	.006317	.005522
Weymouth	127,113	.025832	54,610	.027058	.026444
Winchester	62,448	.012691	22,269	.011034	.012232
Winthrop	38,829	.007891	20,335	.010075	.008686
	\$4,920,764	1.000000	2,018,284	1.000000	1.000000
Cohasset (Note 3) m	18,797	.003805	6,954	.003434	.000295
Total	\$4,939,561		2,025,238		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8 % of its proportion.)

Note 4. Swampscott Maintenance - Ch. 405 of 1968

**METROPOLITAN PARKS DISTRICT RESERVATIONS  
AND BOULEVARDS  
TOTAL ASSESSMENTS**

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	75,389.11	30,602.06	278,044.51	384,035.68
Belmont	64,215.50	26,066.45	203,426.28	293,708.23
Boston	1,112,021.25	451,393.30	3,814,607.88	5,378,022.43
Braintree	42,261.45	17,154.83	165,595.44	225,011.72
Brookline	143,969.87	58,440.46	447,338.39	649,748.72
Cambridge	170,578.19	69,241.35	589,038.83	828,858.37
Canton	15,414.54	6,257.09	68,728.54	90,400.17
Chelsea	35,570.73	14,438.92	141,549.72	191,559.37
Cohasset			3,421.21	3,421.21
Dedham	41,821.23	16,976.13	148,923.43	207,720.79
Dover	7,611.50	3,089.67	26,387.68	37,088.85
Everett	112,287.23	45,579.80	342,251.43	500,118.46
Hingham	23,725.02	9,630.50	91,359.80	124,715.32
Hull	17,756.80	7,207.87	60,380.94	85,345.61
Lynn	154,377.29	62,665.06	532,078.09	749,120.44
Malden	72,962.84	29,617.18	277,418.44	379,998.46
Medford	82,704.88	33,571.69	315,968.10	432,244.67
Melrose	48,048.21	19,503.80	175,403.86	242,955.87
Milton	53,230.07	21,607.23	175,856.02	250,693.32
Nahant	6,200.09	2,516.75	22,329.82	31,046.66
Needham	49,116.84	19,937.58	171,253.25	240,307.67
Newton	198,369.39	80,522.40	635,518.71	914,410.50
Quincy	152,266.91	61,808.41	522,687.04	736,762.36
Revere	49,442.81	20,069.90	197,884.40	267,397.11
Saugus	25,368.30	10,297.54	107,266.61	142,932.45
Somerville	113,547.41	46,091.33	434,503.96	594,142.70
Stoneham	23,308.32	9,461.35	94,026.39	126,796.06
Swampscott	30,906.37	12,545.56	7,767.90	51,219.83
Wakefield	34,253.42	13,904.20	128,425.45	176,583.07
Waltham	79,041.95	32,084.82	302,043.85	413,170.62
Watertown	67,623.03	27,449.64	232,596.49	327,669.16
Wellesley	63,795.43	25,895.93	202,000.23	291,691.59
Weston	20,320.85	8,248.67	68,090.88	96,660.40
Westwood	17,004.05	6,902.31	64,021.42	87,927.78
Weymouth	86,808.03	35,237.24	306,588.65	428,633.92
Winchester	42,647.91	17,311.70	141,816.38	201,775.99
Winthrop	26,517.58	10,764.05	100,704.47	137,986.10
	\$3,360,484.40	\$1,364,092.77	\$11,597,304.49	\$16,321,881.66



# METROPOLITAN PARKS AND SEWERAGE DISTRICTS COMPARISON OF ASSESSMENTS 1971 and 1972

	<i>Parks 1971</i>	<i>Parks 1972</i>	<i>Sewerage 1971</i>	<i>Sewerage 1972</i>
Arlington	296,003.54	384,035.68	336,459.77	327,664.09
Ashland			32,258.97	30,200.58
Belmont	227,553.44	293,708.23	155,479.22	150,535.39
Boston	4,155,277.07	5,378,022.43	4,557,773.20	4,433,362.21
Braintree	173,091.26	225,011.72	165,829.53	159,458.33
Brookline	503,740.79	649,748.72	300,188.41	297,596.61
Burlington			93,426.27	89,921.10
Cambridge	640,265.42	828,858.37	928,811.27	908,780.07
Canton	69,261.27	90,400.17	95,186.21	91,271.21
Chelsea	147,285.05	191,559.37	256,132.82	250,199.62
Cohasset	2,516.98	3,421.21		
Dedham	160,291.68	207,720.79	184,444.24	175,217.94
Dover	28,646.08	37,088.85		
Everett	387,997.59	500,118.46	294,655.01	284,679.78
Framingham			238,837.26	230,491.80
Hingham	95,991.60	124,715.32	39,931.01	38,546.51
Hull	65,961.07	85,345.61		
Lexington			175,329.18	178,788.72
Lynn	578,707.88	749,120.44		
Malden	292,599.90	379,998.46	314,355.62	337,922.32
Medford	332,777.89	432,244.67	485,221.27	459,769.29
Melrose	187,326.58	242,955.87	243,507.86	214,369.93
Milton	193,944.79	250,693.32	222,461.85	215,367.93
Nahant	23,948.69	31,046.66		
Natick			148,149.77	140,218.24
Needham	185,569.23	240,307.67	166,469.66	160,226.76
Newton	708,171.09	914,410.50	643,815.22	624,817.03
Norwood			147,195.51	142,054.29
Quincy	569,239.01	736,762.36	575,614.66	571,959.76
Randolph			112,481.61	107,802.52
Reading			82,711.42	79,099.39
Revere	205,557.16	267,397.11	210,389.63	203,022.75
Saugus	109,687.53	142,932.45		
Somerville	457,396.37	594,142.70	527,845.27	512,102.55
Stoneham	97,447.96	126,796.06	118,685.87	115,228.08
Stoughton			80,566.03	76,694.31
Swampscott	43,203.94	51,219.83		
Wakefield	136,031.64	176,583.07	145,251.18	133,241.77
Walpole			72,491.10	69,177.96
Waltham	318,090.72	413,170.62	325,830.42	313,954.46
Watertown	253,147.25	327,669.16	233,459.51	226,469.03
Wellesley	225,994.75	291,691.59	132,886.44	127,519.61
Weston	74,743.44	96,660.40		
Westwood	67,726.29	87,927.78	65,520.64	62,744.67
Weymouth	330,854.49	428,633.92	264,198.96	254,201.14
Wilmington			64,371.21	61,635.76
Winchester	156,065.77	201,775.99	206,752.21	203,255.97
Winthrop	106,253.83	137,986.10	129,476.57	125,816.07
Woburn			263,998.64	258,067.38
	\$12,608,369.04	\$16,321,881.66	\$13,838,450.50	\$13,443,452.93

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1972

Bonds Outstanding (serial)

Sewerage Loan, North System, Act of 1945 (Ch. 705)	210,000.00
District Sewerage Loan, Act of 1949 (Ch. 606)	13,568,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	14,563,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	471,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	399,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	571,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	85,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	19,320,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	3,900,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,620,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,445,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	3,920,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	8,385,000.00
Sewerage Loan, South System (Ch. 705)	1,215,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	861,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	979,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	429,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	280,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	654,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	505,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	571,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	279,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	6,105,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	420,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	7,800,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	6,000,000.00

Total Net Sewerage Debt, June 30, 1972

\$95,555,000.00

# METROPOLITAN SEWERAGE DISTRICT

## Metropolitan Sewerage Expenses

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Sewerage Loan, North System, Act of 1945 (Ch. 705)	70,000.00	4,410.00
District Sewerage Loan, Act of 1949 (Ch. 606)	695,700.00	432,652.50
Sewerage Loan, Act of 1951 (Ch. 645)	681,300.00	360,267.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	10,362.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	21,400.00	12,248.75
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	23,100.00	19,985.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	(8,412.95)	2,975.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	569,719.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	(88,482.39)	100,760.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	56,000.00	60,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	57,895.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	91,000.00	142,583.75
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	192,500.00	312,632.50
Sewerage Loan, South System (Ch. 705)	283,000.00	26,887.50
District Sewerage Loan Act of 1951 (Ch. 527)	54,485.38	18,942.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	22,569.25
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	9,438.00
District Sewerage Loan, Act of 1954 (Ch. 580)	18,000.00	7,452.50
District Sewerage Loan, Act of 1955 (Ch. 410)	36,900.00	19,733.75

### Metropolitan Sewerage Expenses (Continued)

District Sewerage Loan, Act of 1955 (Ch. 551)	33,000.00	13,433.75	
District Sewerage Loan, Act of 1957 (Ch. 710)	23,100.00	19,985.00	
District Sewerage Loan, Act of 1957 (Ch. 764)	11,900.00	9,765.00	
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	363,130.00	
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	17,000.00	18,900.00	
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	319,800.00	
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	150,000.00	325,875.00	
Interest on Average Monthly Deficit		5,170.94	
	<hr/>	<hr/>	
	\$3,374,790.04	\$3,268,473.69	\$6,643,263.73
Maintenance			<hr/> 6,800,189.20
Total Metropolitan Sewerage Expenses			\$13,443,452.93

North and South Systems combined under Chapter 612, Acts of 1959



# METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION

<i>City or Town</i>	<i>Estimated Pro-Rated Demand M.G.D.</i>	<i>Ratios For Principal And Interest Fiscal Year Ending June 30, 1973</i>	<i>Population State Census 1970</i>	<i>Ratios for Maintenance Fiscal Year Ending June 30, 1972</i>
Arlington	26.862	0.024243	53,524	0.024501
Ashland	0.426	0.000384	8,882	0.004066
Belmont	10.422	0.009406	28,285	0.012948
Boston	406.593	0.366956	641,071	0.293459
Braintree	8.398	0.007579	35,050	0.016045
Brookline	19.062	0.017204	58,886	0.026956
Burlington	3.586	0.003236	21,980	0.010062
Cambridge	99.467	0.089770	100,361	0.045942
Canton	6.345	0.005726	17,100	0.007828
Chelsea	25.830	0.023312	30,625	0.014019
Dedham	15.238	0.013753	26,938	0.012331
Everett	25.423	0.022945	42,485	0.019448
Framingham	5.190	0.004684	64,048	0.029319
Hingham	2.763	0.002494	7,061	0.003232
Lexington	13.265	0.011972	31,886	0.014596
Malden	27.221	0.024567	56,127	0.025693
Medford	43.249	0.039033	64,397	0.029479
Melrose	18.528	0.016722	33,180	0.015188
Milton	21.805	0.019679	27,190	0.012446
Natick	7.262	0.006554	31,057	0.014217
Needham	11.279	0.010179	29,748	0.013618
Newton	56.931	0.051381	91,066	0.041687
Norwood	7.694	0.006944	30,815	0.014106
Quincy	49.724	0.044877	87,966	0.040268
Randolph	3.943	0.003559	27,035	0.012376
Reading	1.491	0.001346	22,539	0.010317
Revere	11.454	0.010337	43,159	0.019757
Somerville	39.319	0.035486	88,779	0.040640
Stoneham	8.459	0.007634	20,725	0.009487
Stoughton	0.612	0.000552	23,459	0.010739
Wakefield	9.035	0.008154	25,402	0.011628
Walpole	2.115	0.001909	18,149	0.008308
Waltham	19.278	0.017399	63,726*	0.029171
Watertown	17.365	0.015672	39,307	0.017993
Wellesley	6.705	0.006051	28,051	0.012841
Westwood	3.846	0.003471	12,750	0.005836
Weymouth	14.045	0.012676	54,610	0.024998
Wilmington	1.400	0.001264	17,102	0.007829
Winchester	22.339	0.020161	22,269	0.010194
Winthrop	10.426	0.009410	20,335	0.009309
Woburn	23.622	0.021319	37,406	0.017123
Totals	1,108.017	1.000000	2,184,531	1.000000

\* Including 2144 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.

## METROPOLITAN SEWERAGE DISTRICT

## Total Assessments

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	81,815.04	79,237.61	166,611.44	327,664.09
Ashland	1,295.92	1,255.09	27,649.57	30,200.58
Belmont	31,743.28	30,743.26	88,048.85	150,535.39
Boston	1,238,399.45	1,199,386.03	1,995,576.73	4,433,362.21
Braintree	25,577.53	24,771.76	109,109.04	159,458.33
Brookline	58,059.89	56,230.82	183,305.90	297,596.61
Burlington	10,920.82	10,576.78	68,423.50	89,921.10
Cambridge	302,954.90	293,410.88	312,414.29	908,780.07
Canton	19,324.05	18,715.28	53,231.88	91,271.21
Chelsea	78,673.11	76,194.66	95,331.85	250,199.62
Dedham	46,413.49	44,951.32	83,853.13	175,217.94
Everett	77,434.56	74,995.14	132,250.08	284,679.78
Frammingham	15,807.52	15,309.53	199,374.75	230,491.80
Hingham	8,416.73	8,151.57	21,978.21	38,546.51
Lexington	40,402.99	39,130.17	99,255.56	178,788.72
Malden	82,908.47	80,296.59	174,717.26	337,922.32
Medford	131,728.18	127,578.33	200,462.78	459,769.29
Melrose	56,433.24	54,655.42	103,281.27	214,369.93
Milton	66,412.49	64,320.29	84,635.15	215,367.93
Natick	22,118.37	21,421.58	96,678.29	140,218.24
Needham	34,351.99	33,269.79	92,604.98	160,226.76
Newton	173,400.09	167,937.45	283,479.49	624,817.03
Norwood	23,434.54	22,696.28	95,923.47	142,054.29
Quincy	151,450.45	146,679.29	273,830.02	571,959.76
Randolph	12,010.87	11,632.51	84,159.14	107,802.52
Reading	4,542.47	4,399.37	70,157.55	79,099.39
Revere	34,885.20	33,786.21	134,351.34	203,022.75
Somerville	119,757.80	115,985.06	276,359.69	512,102.55
Stoneham	25,763.15	24,951.53	64,513.40	115,228.08
Stoughton	1,862.88	1,804.20	73,027.23	76,694.31
Wakefield	27,518.04	26,651.13	79,072.60	133,241.77
Walpole	6,442.47	6,239.52	56,495.97	69,177.96
Waltham	58,717.97	56,868.17	198,368.32	313,954.46
Watertown	52,889.71	51,223.52	122,355.80	226,469.03
Wellesley	20,420.85	19,777.53	87,321.23	127,519.61
Westwood	11,713.90	11,344.87	39,685.90	62,744.67
Weymouth	42,778.84	41,431.17	169,991.13	254,201.14
Wilmington	4,265.73	4,131.35	53,238.68	61,635.76
Winchester	68,039.14	65,895.70	69,321.13	203,255.97
Winthrop	31,756.77	30,756.34	63,302.96	125,816.07
Woburn	71,947.15	69,680.59	116,439.64	258,067.38
	\$3,374,790.04	\$3,268,473.69	\$6,800,189.20	\$13,443,452.93

## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

	<i>Metropolitan Sewerage</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks</i>	<i>Total</i>
Net Debt June 30, 1972				
Arlington	2,316,539.87	3,188,297.38	905,279.20	6,410,116.45
Ashland	36,693.12			36,693.12
Belmont	898,790.33	1,271,130.12	771,105.47	2,941,025.92
Boston	35,064,480.58	66,751,267.63	13,353,251.58	115,168,999.79
Braintree	724,211.35		507,479.32	1,231,690.67
Brookline	1,643,928.22	3,710,220.93	1,728,803.23	7,082,952.38
Burlington	309,215.98			309,215.98
Cambridge	8,577,972.35	490,119.44	2,048,318.28	11,116,410.07
Canton	547,147.93	560,709.04	185,099.21	1,292,956.18
Chelsea	2,227,578.16	1,784,520.86	427,136.51	4,439,235.53
Dedham	1,314,167.92		502,193.09	1,816,361.01
Dover			91,399.55	91,399.55
Everett	2,192,509.47	3,534,134.76	1,348,355.14	7,074,999.37
Framingham	447,579.62			447,579.62
Hingham	238,314.17		284,892.18	523,206.35
Hull			213,225.25	213,225.25
Lexington	1,143,984.46	2,197,069.29		3,341,053.75
Lynn			1,853,776.47	1,853,776.47
Lynnfield Water District		161,606.25		161,606.25
Malden	2,347,499.68	3,362,702.85	876,144.34	6,586,346.87
Marblehead		1,067,894.10		1,067,894.10
Medford	3,729,798.31	3,820,113.18	993,127.68	8,543,039.17
Melrose	1,597,870.71	1,311,725.61	576,967.19	3,486,563.51
Milton	1,880,426.84	1,097,371.08	639,191.52	3,616,989.44
Nahant		264,387.83	74,451.29	338,839.12
Natick	626,267.47			626,267.47
Needham	972,654.35	536,791.32	589,799.45	2,099,245.12
Newton	4,909,711.45	5,956,806.37	2,382,037.59	13,248,555.41
Norwood	663,533.92	2,266,236.77		2,929,770.69
Peabody		478,742.35		478,742.35
Quincy	4,288,221.74	4,854,134.61	1,828,434.78	10,970,791.13
Randolph	340,080.24			340,080.24
Reading	128,617.03			128,617.03
Revere	987,752.04	1,815,419.97	593,713.69	3,396,885.70
Saugus		1,345,081.14	304,624.80	1,649,705.94
Somerville	3,390,864.73	4,986,651.74	1,363,487.52	9,741,003.99
Stoneham	729,466.87	1,465,704.04	279,888.41	2,475,059.32
Stoughton	52,746.36			52,746.36
Swampscott		756,317.25	371,126.54	1,127,443.79
Wakefield	779,155.47	1,144,560.10	411,318.13	2,335,033.70
Walpole	182,414.50			182,414.50
Waltham	1,662,561.44	5,190,404.90	949,142.91	7,802,109.25
Watertown	1,497,537.96	2,195,517.87	812,023.42	4,505,079.25
Wellesley	578,203.31		766,061.35	1,344,264.66
Weston		301,492.62	244,014.59	545,507.21
Westwood	331,671.40		204,186.18	535,857.58
Weymouth	1,211,255.18		1,042,398.70	2,253,653.88
Wilmington	120,781.52			120,781.52
Winchester	1,926,484.35	582,687.50	512,119.92	3,021,291.77
Winthrop	899,172.55	835,181.10	318,425.52	2,052,779.17
Woburn	2,037,137.05			2,037,137.05
	\$95,555,000.00	\$129,285,000.00	\$40,353,000.00	\$265,193,000.00









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# The Commonwealth of Massachusetts

Government Documents

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## ASSESSMENTS

FOR

INTEREST, SERIAL BONDS

AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1974

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1974 to be paid by the cities and towns comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

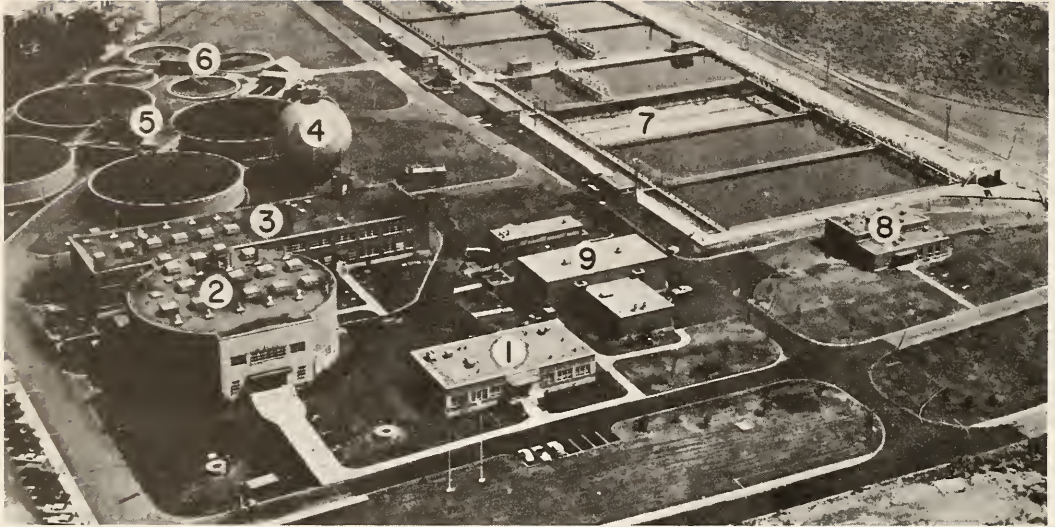
Since September 1, 1973, bonds have been issued as follows:

Metropolitan District Commission Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612) .....	\$1,000,000.00
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550) .....	3,000,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725) .....	1,000,000.00
Metropolitan Water District Additional Loan, Act of 1967 (Ch. 669) .....	4,000,000.00
Water Use Development Loan (Ch. 587 — 1945) (Ch. 549 — 1946) .....	4,550,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589) .....	1,000,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646) .....	1,000,000.00
Revere Beach & Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786) .....	500,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725) .....	955,000.00
Lynn-Nahant Beach Erosion Loan, Act of 1966 (Ch. 576) .....	295,000.00
Metropolitan District Commission Malden Relief Sewer Loan, Act of 1966 (Ch. 478) .....	1,005,000.00
Metropolitan District Commission Malden Relief Sewer Loan, Act of 1969 (Ch. 526) .....	500,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565) .....	245,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745) .....	750,000.00
Metropolitan Water District Additional Loan, Act of 1967 (Ch. 669) .....	2,500,000.00

## Metropolitan Sewer

Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to



*MAGNITUDE OF MDC DEER ISLAND SEWAGE TREATMENT PLANT is graphically shown in this aerial photo. The complex facilities, credited with alleviating pollution in Boston Harbor and other waterways, consist of (1) administration building and laboratory, (2) pumping station, (3) power plant, (4) storage sphere for sewage gas used to operate the plant, (5) sludge digestion tanks, (6) sludge and scum thickening tanks, (7) sedimentation and settling tanks, each 255 feet long and 103 feet wide, (8) chlorine building and (9) Winthrop Terminal headworks. Not shown are a water storage reservoir to supply cooling water for equipment, reservoir pumping station and an equipment garage.*

December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system of which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

**SECTION 5A.** Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section 5; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connection authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to



the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

**SECTION 5B.** The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and town, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state reasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

**SECTION 6.** The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

**SECTION 7.** The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## **Metropolitan Water**

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

**SECTION 1.** Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

**SECTION 25.** All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service



*Over 1,750,000 Greater Bostonians availed themselves last year of inexpensive recreation at the 25 MDC skating rinks. The facilities were used for general skating, hockey and special programs, such as figure skating, school physical education classes and groups of retarded children.*

requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26, (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

— (a) in the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of two hundred dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;



## Metropolitan Parks



*TYPICAL WATER SUPPLY TUNNEL serving the Metropolitan Water District is the newly-completed deep-rock Dorchester Tunnel, designed to enlarge the distribution system. Big enough to accommodate an automobile, it is 10 feet in diameter, 6.6 miles long and 300 feet below ground level.*

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949). The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the geneneral court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

*ROBERT Q. CRANE*  
Treasurer and Receiver-General

<i>Cities and Towns</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks and Boulevards</i>	<i>Metropolitan Sewerage System</i>	<i>Total</i>
Arlington	\$465,207.00	\$484,880.51	\$398,226.06	\$1,348,313.57
Ashland			42,187.68	42,187.68
Bedford			68,005.03	68,005.03
Belmont	206,063.20	333,404.18	190,745.14	730,212.52
Boston	10,510,396.80	3,248,601.00	5,297,777.16	19,056,774.96
Braintree		343,973.31	213,465.00	557,438.31
Brookline	541,768.60	619,856.84	352,418.65	1,514,044.09
Burlington			125,613.03	125,613.03
Cambridge	50,160.00	685,709.76	990,037.30	1,725,907.06
Canton	116,942.40	205,150.41	116,218.16	438,310.97
Chelsea	263,251.00	142,649.66	284,923.06	690,823.72
Cohasset		5,299.72		5,299.72
Dedham		325,915.99	216,206.57	542,122.56
Dover		76,152.77		76,152.77
Everett	580,877.80	484,171.18	342,275.38	1,407,324.36
Framingham			305,188.89	305,188.89
Hingham		198,886.92	52,193.53	251,080.45
Hull		72,324.23		72,324.23
Lexington	318,165.80		229,087.52	547,253.32
Lynn		663,451.75		663,451.75
Lynnfield Water District	24,326.20			24,326.20
Malden	547,437.80	349,349.88	421,566.23	1,318,353.91
Marblehead	149,907.80			149,907.80
Medford	610,345.80	448,410.87	544,871.78	1,603,628.45
Melrose	194,836.60	318,289.59	259,216.79	772,342.98
Milton	166,300.60	335,780.64	254,766.30	756,847.54
Nahant	39,573.00	38,068.81		77,641.81
Natick			185,267.54	185,267.54
Needham	67,289.60	403,969.29	207,294.73	678,553.62
Newton	885,372.40	855,129.88	747,509.97	2,488,012.25
Norwood	360,518.00		186,603.10	547,121.10
Peabody	57,390.00			57,390.00
Quincy	751,166.20	686,884.94	726,211.44	2,164,262.58
Randolph			152,065.86	152,065.86
Reading			111,134.47	111,134.47
Revere	256,387.60	295,888.47	262,883.68	815,159.75
Saugus	226,199.00	258,881.71		485,080.71
Somerville	795,003.80	487,830.75	622,510.15	1,905,344.70
Stoneham	243,369.00	189,687.81	146,952.31	580,009.12
Stoughton			109,462.94	109,462.94
Swampscott	106,951.20	64,639.92		171,591.12
Wakefield	174,618.00	249,012.34	165,894.75	589,525.09
Walpole			93,638.60	93,638.60
Waltham	857,582.60	673,672.22	377,350.97	1,908,605.79
Watertown	354,082.40	335,114.05	280,465.62	969,662.07
Wellesley		376,630.57	160,057.44	536,688.01
Weston	88,469.60	225,003.39		313,472.99
Westwood		172,020.94	84,531.47	256,552.41
Weymouth		494,852.53	336,584.87	831,437.40
Wilmington			86,335.98	86,335.98
Winchester	53,001.40	263,371.62	239,159.53	555,532.55
Winthrop	140,460.00	131,639.42	151,281.68	423,381.10
Woburn			310,266.52	310,266.52
	\$20,203,421.20	\$15,544,557.87	\$16,448,452.88	\$52,196,431.95



## METROPOLITAN WATER DISTRICT

### Metropolitan Water Debt

Gross (and net) debt June 30, 1974

Bonds Outstanding (Serial)

Additional Water, Acts of 1926	3,752,000.00
Water Use Development Loan (Chapt. 587-1945)(Chapt. 549-1946)	55,829,000.00
Water Main Loan, Act of 1949 (Chapt. 575)	770,000.00
Water Main Loan, Act of 1954 (Chapt. 278)	580,000.00
Water Main Loan, Act of 1957 (Chapt. 711)	1,042,000.00
Water Main Loan, Act of 1959 (Chapt. 590)	858,000.00
Water Loan, Act of 1950 (Chapt. 660)	7,050,000.00
Water Loan, Act of 1952 (Chapt. 619)	4,140,000.00
Clinton Sewage Loan, Act of 1954 (Chapt. 462)	232,000.00
Met. Water District Additional Loan, Act of 1956 (Chapt. 685)	14,803,000.00
Met. Water District Additional Loan, Act of 1961 (Chapt. 522)	8,180,000.00
Met. Water District Additional Loan, Act of 1962 (Chapt. 654)	8,595,000.00
Met. Water District Additional Loan, Act of 1964 (Chapt. 403)	1,115,000.00
Met. Water District Additional Loan, Act of 1966 (Chapt. 564)	10,895,000.00
Met. Water District Additional Loan, Act of 1967 (Chapt. 669)	13,615,000.00
Water Main Loan, Act of 1967 (Chapt. 622)	250,000.00
Met. Water District Additional Loan, Act of 1968 (Chapt. 521)	940,000.00
Total Net Water Debt June 30, 1974	<u>132,646,000.00</u>

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1974:

*Fund Requirements July 1, 1973* \$4,552,206.34

*Fiscal Year Charges*

Appropriations	\$21,379,130.75
Appropriations of Restricted Revenue	11,254.00
Expenditures Authorized — Not Appropriated	167,304.40
Authorized Transfers	328,960.22
	<u>\$21,886,649.37</u>

*Deduct Reversions*

Appropriations	\$245,074.04		
Accounts Payable	<u>97,895.10</u>	<u>342,969.14</u>	<u>21,543,680.23</u>

Total Charges

26,095,886.57

*Operating Revenues*

Departmental Revenue	\$1,263,425.01
Proceeds from Sale of Water Use	
Development Loan Bonds	4,550,000.00
District and Special Assessments	12,450,664.80
Miscellaneous	48,590.42

Total Revenue

18,312,680.23

*Prior Year Additional Charge — Accounts Payable*

3,218.08

*Fund Requirements June 30, 1974*

\$7,786,424.42

## METROPOLITAN WATER ASSESSMENT FOR 1974

<i>Cities and Towns</i>	<i>Total Consumption for 1973 in Mil. Gals.</i>	<i>1974 Charge at \$200 per mil. gals. (Chap. 1039, Acts of 1973)</i>	<i>Proportion for Computing Share</i>
Arlington	2,326.035	\$465,207.00	.023026
Belmont	1,030.316	206,063.20	.010199
Boston	52,551.984	10,510,396.80	.520228
Brookline	2,708.843	541,768.60	.026816
Cambridge <sup>1</sup>	250.800	50,160.00	.002483
Canton <sup>1</sup>	584.712	116,942.40	.005788
Chelsea	1,316.255	263,251.00	.013030
Everett	2,904.389	580,877.80	.028751
Lexington	1,590.829	318,165.80	.015748
Lynnfield Water District	121.631	24,326.20	.001204
Malden	2,737.189	547,437.80	.027096
Marblehead	749.539	149,907.80	.007420
Medford	3,051.729	610,345.80	.030210
Melrose	974.183	194,836.60	.009644
Milton	831.503	166,300.60	.008232
Nahant	197.865	39,573.00	.001959
Needham <sup>1, 2</sup>	336.448	67,289.60	.003331
Newton	4,426.862	885,372.40	.043823
Norwood	1,802.590	360,518.00	.017844
Peabody <sup>1</sup>	286.950	57,390.00	.002841
Quincy	3,755.831	751,166.20	.037180
Revere	1,281.938	256,387.60	.012690
Saugus	1,130.995	226,199.00	.011196
Somerville	3,975.019	795,003.80	.039350
Stoneham	1,216.845	243,369.00	.012046
Swampscott	534.756	106,951.20	.005294
Wakefield <sup>1</sup>	873.090	174,618.00	.008643
Waltham	4,287.913	857,582.60	.042447
Watertown	1,770.412	354,082.40	.017526
Weston <sup>1</sup>	442.348	88,469.60	.004379
Winchester <sup>1</sup>	265.007	53,001.40	.002624
Winthrop	702.300	140,460.00	.006952
	<hr/> 101,017.106	<hr/> \$20,203,421.20	<hr/> 1.000000

1. Partial Supply Only.

2. Needham — Additional Payment	\$ 3,275.60
Assessment for Water Connections:	
Canton — Fourth of Ten Payments	\$55,594.85
Assessment for Entrance Fees:	
Canton — Fourth of Ten Payments	\$11,975.90
Weston — Ninth of Ten Payments	\$ 7,111.92

No water was discharged into the Charles River during the year 1973 under the provisions of Chap. 603 of the Acts of 1950.

**COMPARISON OF ASSESSMENTS 1973 and 1974  
WITH REVENUE FROM WATER RATES 1973**

<i>Cities and Towns</i>	<i>1973</i>	<i>1974</i>	<i>Water Revenue Received in Cities and Towns 1973</i>
Arlington	306,875.16	465,207.00	576,381.62
Belmont	122,716.56	206,063.20	444,652.07
Boston	6,555,306.12	10,510,396.80	16,142,200.00
Brookline	335,027.16	541,768.60	1,050,859.16
Cambridge	43,628.40	50,160.00	2,156,432.00
Canton	68,251.32	116,942.40	386,405.31
Chelsea	159,515.28	263,251.00	461,935.19
Everett	334,363.08	580,877.80	637,880.96
Lexington	198,000.48	318,165.80	452,377.26
Lynnfield Water District	15,253.68	24,326.20	85,983.00
Malden	319,860.84	547,437.80	533,997.43
Marblehead	92,301.00	149,907.80	364,465.18
Medford	373,342.08	610,345.80	721,614.49
Melrose	128,516.64	194,836.60	324,528.84
Milton	99,334.80	166,300.60	489,358.95
Nahant	25,118.16	39,573.00	75,261.28
Needham	35,807.16	67,289.60	424,437.23
Newton	509,344.08	885,372.40	1,058,225.46
Norwood	223,020.00	360,518.00	344,730.06
Peabody	35,571.60	57,390.00	722,505.47
Quincy	461,026.68	751,166.20	1,335,459.94
Revere	155,187.72	256,387.60	302,986.30
Saugus	124,940.04	226,199.00	344,751.00
Somerville	483,336.48	795,003.80	791,361.22
Stoneham	138,462.96	243,369.00	275,799.00
Swampscott	61,227.60	106,951.20	50,277.37
Wakefield	95,865.60	174,618.00	545,855.34
Waltham	484,992.12	857,582.60	1,132,083.04
Watertown	199,578.24	354,082.40	528,830.47
Weston	35,523.36	88,469.60	120,655.29
Winchester	28,513.32	53,001.40	351,108.27
Winthrop	80,391.24	140,460.00	225,805.20
	<hr/>	<hr/>	<hr/>
	\$12,330,198.96	\$20,203,421.20	\$33,459,203.40

## METROPOLITAN PARKS DISTRICT

### Metropolitan Parks Debt

Gross (and net) June 30, 1974

Bonds Outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	443,000.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	1,150,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	1,020,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	1,692,000.00
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	4,905,000.00
Charles River Flood Control Act of 1955 (Ch. 768)	215,000.00
Charles River Flood Control Act of 1961 (Ch. 520)	250,000.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	2,405,000.00
Mystic River Dam Loan, Act of 1957 (Ch. 647)	3,664,000.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	6,360,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	200,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	1,389,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	1,788,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	1,485,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	3,100,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	2,060,000.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	3,025,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	1,600,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	2,800,000.00
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	1,930,000.00
Total	41,481,000.00



# METROPOLITAN PARKS EXPENSES

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	103,000.00	3,314.50
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	100,000.00	37,450.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	67,000.00	34,256.25
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	102,000.00	54,707.64
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	239,700.00	163,687.50
Charles River Flood Control Act of 1955 (Ch. 768)	50,000.00	8,137.50
Charles River Flood Control Act of 1961 (Ch. 520)	25,000.00	7,750.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	266,858.29	80,997.50
Mystic River Dam Loan, Act of 1957 (Ch. 647)	229,000.00	115,086.50
Mystic River Dam Loan, Act of 1963 (Ch. 547)	310,000.00	224,070.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00	7,500.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	247,000.00	50,162.50
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	294,544.90	64,690.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	165,000.00	54,687.50
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	249,999.00	123,875.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	165,918.80	94,490.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	605,000.00	158,500.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	199,998.94	64,638.89
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	149,900.00	111,852.64
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	144,800.00	67,400.00
Lynn-Nahant Beach Erosion Control Project Loan, Act of 1966 (Ch. 576)	—	1,036.60
Revere and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	—	1,680.56
Interest on Average Monthly Deficit	—	122,910.00
	<hr/>	<hr/>
	\$3,765,719.93	\$1,647,446.76
		<hr/>
Maintenance as appropriated by the Legislature		10,131,391.18
		<hr/>
Total Metropolitan Parks Expenses to be assessed		\$15,544,557.87

# METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

## Proportion of Interest, Serial Bonds and Maintenance Requirements as Determined by the Metropolitan District Commission

<i>Cities and Towns</i>	<i>Cities and Towns Valuation Ch. 58 Sect. 10C, (000's omitted)</i>	<i>Valuation Per Cent Note 1.</i>	<i>Population 1971 Census</i>	<i>Population Per Cent</i>	<i>Chapt. 92, Sect. 55 Note 2</i>
Arlington	\$382,000	.032215	52,319	.026766	.030663
Belmont	276,000	.023275	28,086	.014368	.020483
Boston	2,100,000	.177096	622,464	.318443	.226144
Braintree	273,000	.023022	35,924	.018378	.021662
Brookline	512,000	.043178	52,882	.027054	.038132
Cambridge	520,000	.043852	85,954	.043973	.044274
Canton	170,000	.014336	17,181	.008789	.012596
Chelsea	91,000	.007674	28,045	.014347	.009985
Dedham	270,000	.022769	27,384	.014009	.020014
Dover	66,000	.005566	4,653	.002380	.004545
Everett	400,000	.033732	41,269	.021113	.029782
Hingham	160,000	.013493	19,497	.009974	.012428
Hull	55,000	.004638	8,961	.004584	.004663
Lynn	500,000	.042166	85,018	.043494	.042978
Malden	244,000	.020577	56,176	.028739	.023500
Medford	330,000	.027829	62,162	.031801	.029406
Melrose	254,000	.021420	32,426	.016589	.019982
Milton	280,000	.023613	27,080	.013854	.020537
Nahant	30,000	.002530	4,087	.002091	.002407
Needham	340,000	.028673	30,728	.015720	.024566
Newton	680,000	.057345	88,556	.045304	.053793
Quincy	515,000	.043431	89,598	.045837	.044616
Revere	215,000	.018131	42,650	.021819	.019528
Saugus	210,000	.017709	24,357	.012461	.016099
Somerville	330,000	.027829	84,790	.043377	.033299
Stoneham	148,000	.012482	21,308	.010901	.012060
Swampscott	125,000	.010542	13,597	.006956	.000748 (4)
Wakefield	200,000	.016866	24,605	.012587	.015575
Waltham	560,000	.047225	55,379	.028331	.041283
Watertown	260,000	.021926	38,531	.019712	.021373
Wellesley	320,000	.026986	26,863	.013743	.022768
Weston	200,000	.016866	10,821	.005536	.013204
Westwood	144,000	.012144	13,538	.006926	.010496
Weymouth	386,000	.032553	55,677	.028483	.031467
Winchester	217,000	.018299	22,797	.011663	.016227
Winthrop	95,000	.008012	19,347	.009898	.008717
<hr/>					
	\$11,858,000	1.000000	1,954,710	1.000000	1.000000
Cohasset (note 3)	95,000	.007948	7,276	.003708	.000523
<hr/>					
	\$11,953,000		1,961,986		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8 % of its proportion.)

Note 4. Swampscott Maintenance — Ch. 405 of 1968

# **METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS TOTAL ASSESSMENTS**

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	121,312.67	53,072.50	310,495.34	484,880.51
Belmont	87,647.13	38,344.32	207,412.73	333,404.18
Boston	666,893.94	291,756.23	2,289,950.83	3,248,601.00
Braintree	86,694.40	37,927.52	219,351.39	343,973.31
Brookline	162,596.26	71,133.46	386,127.12	619,856.84
Cambridge	165,134.35	72,243.84	448,331.57	685,709.76
Canton	53,985.36	23,617.80	127,547.25	205,150.41
Chelsea	28,898.13	12,642.51	101,109.02	142,649.66
Cohasset			5,299.72	5,299.72
Dedham	85,741.68	37,510.72	202,663.59	325,915.99
Dover	20,959.99	9,169.69	46,023.09	76,152.77
Everett	127,025.26	55,571.67	301,574.25	484,171.18
Hingham	50,810.86	22,229.00	125,847.06	198,886.92
Hull	17,465.41	7,640.86	47,217.96	72,324.23
Lynn	158,785.35	69,466.24	435,200.16	663,451.75
Malden	77,487.22	33,899.51	237,963.15	349,349.88
Medford	104,796.22	45,846.80	297,767.85	448,410.87
Melrose	80,661.72	35,288.31	202,339.56	318,289.59
Milton	88,919.94	38,901.16	207,959.54	335,780.64
Nahant	9,527.27	4,168.04	24,373.50	38,068.81
Needham	107,974.49	47,237.24	248,757.56	403,969.29
Newton	215,945.21	94,472.83	544,711.84	855,129.88
Quincy	163,548.98	71,550.26	451,785.70	686,884.94
Revere	68,276.29	29,869.86	197,742.32	295,888.47
Saugus	66,687.13	29,174.63	163,019.95	258,881.71
Somerville	104,796.22	45,846.80	337,187.73	487,830.75
Stoneham	47,003.72	20,563.43	122,120.66	189,687.81
Swampscott	39,698.22	17,367.38	7,574.32	64,639.92
Wakefield	63,512.63	27,785.84	157,713.87	249,012.34
Waltham	177,836.12	77,800.67	418,035.43	673,672.22
Watertown	82,567.18	36,121.92	216,424.95	335,114.05
Wellesley	101,621.72	44,458.00	230,550.85	376,630.57
Weston	63,512.63	27,785.84	133,704.92	225,003.39
Westwood	45,730.90	20,006.59	106,283.45	172,020.94
Weymouth	122,585.48	53,629.33	318,637.72	494,852.53
Winchester	68,908.90	30,146.63	164,316.09	263,371.62
Winthrop	30,170.95	13,199.33	88,269.14	131,639.42
	3,765,719.93	1,647,446.76	10,131,391.18	15,544,557.87

# **METROPOLITAN PARKS AND SEWERAGE DISTRICTS** **COMPARISON OF ASSESSMENTS 1973 and 1974**

	<i>Parks 1973</i>	<i>Parks 1974</i>	<i>Sewerage 1973</i>	<i>Sewerage 1974</i>
Arlington	349,606.72	484,880.51	343,464.46	398,226.06
Ashland			33,211.56	42,187.68
Bedford				68,005.03
Belmont	269,340.31	333,404.18	160,661.23	190,745.14
Boston	4,899,232.29	3,248,601.00	4,614,276.08	5,297,777.16
Braintree	207,378.87	343,973.31	176,212.56	213,465.00
Brookline	586,434.06	619,856.84	299,144.27	352,418.65
Burlington			101,995.62	125,613.03
Cambridge	735,074.31	685,709.76	896,486.99	990,037.30
Canton	82,683.65	205,150.41	98,101.07	116,218.16
Chelsea	170,761.39	142,649.66	252,826.88	284,923.06
Cohasset	3,035.44	5,299.72		
Dedham	191,114.50	325,915.99	187,059.35	216,206.57
Dover	34,206.36	76,152.77		
Everett	457,436.04	484,171.18	296,728.62	342,275.38
Framingham			242,964.48	305,188.89
Hingham	115,246.93	198,886.92	42,068.66	52,193.53
Hull	76,537.72	72,324.23		
Lexington			196,026.94	229,087.52
Lynn	677,742.87	663,451.75		
Malden	347,925.63	349,349.88	360,497.20	421,566.23
Medford	391,780.36	448,410.87	476,346.95	544,871.78
Melrose	221,240.90	318,289.59	223,639.85	259,216.79
Milton	229,826.80	335,780.64	225,335.79	254,766.30
Nahant	28,379.78	38,068.81		
Natick			153,261.66	185,267.54
Needham	221,975.28	403,969.29	175,029.84	207,294.73
Newton	835,125.50	855,129.88	650,769.06	747,509.97
Norwood			154,379.52	186,603.10
Quincy	678,382.45	686,884.94	611,221.02	726,211.44
Randolph			122,789.45	152,065.86
Reading			88,001.04	111,134.47
Revere	243,693.15	295,888.47	217,775.83	262,883.68
Saugus	129,302.91	258,881.71		
Somerville	536,919.97	487,830.75	530,668.76	622,510.15
Stoneham	116,982.20	189,687.81	124,999.59	146,952.31
Stoughton			85,572.38	109,462.94
Swampscott	50,989.86	64,639.92		
Wakefield	160,286.47	249,012.34	139,845.55	165,894.75
Walpole			75,207.23	93,638.60
Waltham	367,460.90	673,672.22	316,505.26	377,350.97
Watertown	299,092.29	335,114.05	238,789.76	280,465.62
Wellesley	265,785.48	376,630.57	132,130.75	160,057.44
Weston	88,574.47	225,003.39		
Westwood	81,851.84	172,020.94	70,386.78	84,531.47
Weymouth	394,703.91	494,852.53	278,791.42	336,584.87
Wilmington			68,692.60	86,335.98
Winchester	186,036.70	263,371.62	215,425.97	239,159.53
Winthrop	124,606.09	131,639.42	130,122.77	151,281.68
Woburn			262,295.00	310,266.52
	<b>\$14,856,754.40</b>	<b>\$15,544,557.87</b>	<b>\$14,069,709.80</b>	<b>\$16,448,452.88</b>



## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1974

**Bonds Outstanding (serial)**

Sewerage Loan, North System, Act of 1945 (Ch. 705)	70,000.00
District Sewerage Loan, Act of 1949 (Ch. 606)	11,894,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	13,015,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	397,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	349,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	505,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	75,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	18,032,000.00
District Sewerage Relief Loan, Act of 1961 ((Ch. 516)	3,640,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,460,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,275,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	3,660,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	7,835,000.00
Sewerage Loan, South System (Ch. 705)	649,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	727,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	833,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	363,000.00
District Sewerage Loan, Act of 1954 (ch.580)	244,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	570,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	439,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	505,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	245,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	5,785,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	380,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	7,400,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	5,700,000.00
<b>Total</b>	<b>\$87,047,000.00</b>

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Expenses

<i>Debt Service:</i>	<i>Serial Bonds</i>	<i>Interest</i>
Sewerage Loan, North System, Act of 1945 (Ch. 705)	70,000.00	1,470.00
District Sewerage Loan, Act of 1949 (Ch. 606)	695,700.00	379,097.50
Sewerage Loan, Act of 1951 (Ch. 645)	678,895.24	323,627.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	37,000.00	8,734.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	21,400.00	10,693.75
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	23,100.00	17,675.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	3,500.00	2,625.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	531,455.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	128,050.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	28,236.83	54,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	53,705.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	91,000.00	132,988.75
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	192,500.00	291,802.50
Sewerage Loan, South System (Ch. 705)	283,000.00	13,537.50
District Sewerage Loan, Act of 1951 (Ch. 527)	54,485.38	15,994.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	19,192.25
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	7,986.00
District Sewerage Loan, Act of 1954 (Ch. 580)	18,000.00	6,462.50
District Sewerage Loan, Act of 1955 (Ch. 410)	36,900.00	17,168.75
District Sewerage Loan, Act of 1955 (Ch. 551)	33,000.00	11,618.75
District Sewerage Loan, Act of 1957 (Ch. 710)	6,433.34	17,675.00
District Sewerage Loan, Act of 1957 (Ch. 764)	11,900.00	8,575.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	344,160.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	17,000.00	23,282.85
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	303,400.00

### Metropolitan Sewerage Expenses (Continued)

Metropolitan District Commission Malden			
Relief Sewer Loan 1969 (Ch. 526)	—	12,618.05	
Metropolitan Sewerage Loan,			
Act of 1970 (Ch. 745)	150,000.00	328,302.08	
Metropolitan District Commission Malden			
Relief Sewer Loan 1966 (Ch. 478)	—	25,362.29	
Interest on Average Monthly Deficit	—	176,109.00	
	<hr/>	<hr/>	
	\$3,519,350.79	\$3,268,268.02	\$ 6,787,618.81
Maintenance			9,660,834.07
			<hr/>
Total Metropolitan Sewerage Expenses			\$16,448,452.88

# **METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION**

**Ratios of Contribution on the Basis of G. L., Chap. 92, Sections 5 and 6  
and the Census Returns of 1971 as Determined by the  
Metropolitan District Commission, Sewerage Division**

<i>City or Town</i>	<i>Estimated Pro- Rated Demand M.G.D.</i>	<i>Ratios for Principal and Interest Fiscal</i>		<i>Ratios for Maintenance</i>	
		<i>Year Ending June 30, 1975</i>	<i>Population State Census 1971</i>	<i>Fiscal Year Ending June 30, 1974</i>	
Arlington	26.418	0.023837	52,319	0.024473	
Ashland	0.418	0.000377	8,770	0.004102	
Bedford	1.817	0.001640	12,586	0.005887	
Belmont	10.422	0.009404	28,086	0.013137	
Boston	405.740	0.366093	622,464	0.291163	
Braintree	8.348	0.007532	35,924	0.016804	
Brookline	18.524	0.016714	52,882	0.024736	
Burlington	3.506	0.003163	23,046	0.010780	
Cambridge	98.233	0.088634	85,954	0.040206	
Canton	6.298	0.005683	17,181	0.008037	
Chelsea	25.830	0.023306	28,045	0.013118	
Dedham	15.097	0.013622	27,384	0.012809	
Everett	25.436	0.022951	41,269	0.019304	
Frammingham	5.100	0.004602	60,623	0.028357	
Hingham	2.733	0.002466	7,846	0.003670	
Lexington	12.752	0.011506	33,412	0.015629	
Malden	27.384	0.024708	56,176	0.026277	
Medford	43.101	0.038889	62,162	0.029077	
Melrose	18.399	0.016601	32,426	0.015168	
Milton	21.617	0.019505	27,080	0.012667	
Natick	7.646	0.006899	30,636	0.014330	
Needham	11.175	0.010083	30,728	0.014373	
Newton	56.713	0.051171	88,556	0.041423	
Norwood	7.623	0.006878	30,963	0.014483	
Quincy	52.467	0.047340	89,598	0.041910	
Randolph	3.870	0.003492	28,406	0.013287	
Reading	1.459	0.001316	22,616	0.010579	
Revere	11.454	0.010335	42,650	0.019950	
Somerville	39.082	0.035263	84,790	0.039661	
Stoneham	8.272	0.007464	21,308	0.009967	
Stoughton	0.594	0.000536	23,419	0.010954	
Wakefield	8.933	0.008060	24,605	0.011509	
Walpole	2.096	0.001891	17,881	0.008364	
Waltham	19.278	0.017394	57,377	0.026839	
Watertown	17.365	0.015668	38,531	0.018023	
Wellesley	6.314	0.005697	26,863	0.012565	
Westwood	3.812	0.003440	13,538	0.006333	
Weymouth	13.877	0.012521	55,677	0.026043	
Wilmington	1.369	0.001235	17,251	0.008069	
Winchester	22.230	0.020058	22,797	0.010663	
Winthrop	10.426	0.009407	19,347	0.009050	
Woburn	25.069	0.022619	34,685	0.016224	

<b>TOTALS</b>	<b>1,108,297</b>	<b>1.000000</b>	<b>2,137,857</b>	<b>1.000000</b>
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Including 1,998 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of sewage of the Middlesex County Tuberculosis Hospital.



# **METROPOLITAN SEWERAGE DISTRICT** **Total Assessments**

<i>Cities and Towns</i>	<i>Serial Bonds</i>	<i>Interest</i>	<i>Maintenance</i>	<i>Total</i>
Arlington	83,890.76	77,905.71	236,429.59	398,226.06
Ashland	1,326.80	1,232.14	39,628.74	42,187.68
Bedford	5,771.74	5,359.96	56,873.33	68,005.03
Belmont	33,095.97	30,734.79	126,914.38	190,745.14
Boston	1,288,409.68	1,196,490.05	2,812,877.43	5,297,777.16
Braintree	26,507.75	24,616.59	162,340.66	213,465.00
Brookline	58,822.43	54,625.83	238,970.39	352,418.65
Burlington	11,131.71	10,337.53	104,143.79	125,613.03
Cambridge	311,934.14	289,679.67	388,423.49	990,037.30
Canton	20,000.47	18,573.57	77,644.12	116,218.16
Chelsea	82,021.99	76,170.25	126,730.82	284,923.06
Dedham	47,940.60	44,520.35	123,745.62	216,206.57
Everett	80,772.62	75,010.02	186,492.74	342,275.38
Framingham	16,196.05	15,040.57	273,952.27	305,188.89
Hingham	8,678.72	8,059.55	35,455.26	52,193.53
Lexington	40,493.65	37,604.69	150,989.18	229,087.52
Malden	86,956.12	80,752.37	253,857.74	421,566.23
Medford	136,864.03	127,099.68	280,908.07	544,871.78
Melrose	58,424.74	54,256.52	146,535.53	259,216.79
Milton	68,644.94	63,747.57	122,373.79	254,766.30
Natick	24,280.00	22,547.78	138,439.76	185,267.54
Needham	35,485.61	32,953.95	138,855.17	207,294.73
Newton	180,088.70	167,240.54	400,180.73	747,509.97
Norwood	24,206.09	22,479.15	139,917.86	186,603.10
Quincy	166,606.07	154,719.81	404,885.56	726,211.44
Randolph	12,289.57	11,412.79	128,363.50	152,065.86
Reading	4,631.47	4,301.04	102,201.96	111,134.47
Revere	36,372.49	33,777.55	192,733.64	262,883.68
Somerville	124,102.87	115,248.94	383,158.34	622,510.15
Stoneham	26,268.43	24,394.35	96,289.53	146,952.31
Stoughton	1,886.37	1,751.79	105,824.78	109,462.94
Wakefield	28,365.97	26,342.24	111,186.54	165,894.75
Walpole	6,655.09	6,180.29	80,803.22	93,638.60
Waltham	61,215.59	56,848.25	259,287.13	377,350.97
Watertown	55,141.19	51,207.22	174,117.21	280,465.62
Wellesley	20,049.74	18,619.32	121,388.38	160,057.44
Westwood	12,106.57	11,242.84	61,182.06	84,531.47
Weymouth	44,065.79	40,921.98	251,597.10	336,584.87
Wilmington	4,346.40	4,036.31	77,953.27	86,335.98
Winchester	70,591.14	65,554.92	103,013.47	239,159.53
Winthrop	33,106.53	30,744.60	87,430.55	151,281.68
Woburn	79,604.20	73,924.95	156,737.37	310,266.52
	<b>\$3,519,350.79</b>	<b>\$3,268,268.02</b>	<b>\$9,660,834.07</b>	<b>\$16,448,452.88</b>

## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

<i>Net Debt June 30, 1974</i>	<i>Metropolitan Sewerage</i>	<i>Metropolitan Water</i>	<i>Metropolitan Parks</i>	<i>Total</i>
Arlington	2,074,939.34	3,054,306.80	1,336,310.42	6,465,556.56
Ashland	32,816.72			32,816.72
Bedford	142,757.08			142,757.08
Belmont	818,589.99	1,352,856.55	965,470.27	3,136,916.81
Boston	31,867,297.37	69,006,163.30	7,346,119.18	108,219,579.85
Braintree	655,638.00		954,975.58	1,610,613.58
Brookline	1,454,903.55	3,557,035.15	1,791,066.62	6,803,005.32
Burlington	275,329.66			275,329.66
Cambridge	7,715,323.80	329,360.02	1,819,024.81	9,863,708.63
Canton	494,688.10	767,755.05	594,671.62	1,857,114.77
Chelsea	2,028,717.38	1,728,377.38	318,325.19	4,075,419.95
Dedham	1,185,754.23		944,480.89	2,130,235.12
Dover			230,883.25	230,883.25
Everett	1,997,815.70	3,813,705.14	1,399,237.09	7,210,757.93
Framingham	400,590.29			400,590.29
Hingham	214,657.90		559,703.13	774,361.03
Hull			192,388.88	192,388.88
Lexington	1,001,562.78	2,088,909.22		3,090,472.00
Lynn			1,749,087.85	1,749,087.85
Lynnfield Water District		159,705.78		159,705.78
Malden	2,150,757.28	3,594,176.01	853,554.53	6,598,487.82
Marblehead		984,233.32		984,233.32
Medford	3,385,170.78	4,007,235.66	1,154,374.75	8,546,781.19
Melrose	1,445,067.25	1,279,238.02	888,523.02	3,612,828.29
Milton	1,697,851.74	1,091,941.87	979,490.85	3,769,284.46
Nahant		259,853.51	104,946.93	364,800.44
Natick	600,537.25			600,537.25
Needham	877,694.90	441,843.82	1,189,384.71	2,508,923.43
Newton	4,454,282.04	5,812,945.66	2,378,727.94	12,645,955.64
Norwood	598,709.27	2,366,935.22		2,965,644.49
Peabody		376,847.29		376,847.29
Quincy	4,120,804.98	4,931,778.28	1,801,561.31	10,854,144.57
Randolph	303,968.12			303,968.12
Reading	114,553.85			114,553.85
Revere	899,630.75	1,683,277.74	752,092.01	3,335,000.50
Saugus		1,485,104.62	734,587.03	2,219,691.65
Somerville	3,069,538.35	5,219,620.10	1,154,374.75	9,443,533.20
Stoneham	649,718.81	1,597,853.72	517,765.84	2,765,338.37
Stoughton	46,657.19			46,657.19
Swampscott		702,227.92	437,292.70	1,139,520.62
Wakefield	701,598.82	1,146,459.38	699,618.55	2,547,676.75
Walpole	164,605.88			164,605.88
Waltham	1,514,095.52	5,630,424.76	1,958,940.23	9,103,460.51
Watertown	1,363,852.40	2,324,753.79	909,512.41	4,598,118.60
Wellesley	495,906.76		1,119,406.27	1,615,313.03
Weston		580,856.83	699,618.55	1,280,475.38
Westwood	299,441.68		503,745.26	803,186.94
Weymouth	1,089,915.49		1,350,330.99	2,440,246.48
Wilmington	107,503.05			107,503.05
Winchester	1,745,988.73	348,063.10	759,060.82	2,853,112.65
Winthrop	818,851.13	922,154.99	332,345.77	2,073,351.89
Woburn	1,968,916.09			1,968,916.09
	\$87,047,000.00	\$132,646,000.00	\$41,481,000.00	\$261,174,000.00



**The Commonwealth of Massachusetts**

**1976**  
**ASSESSMENTS**  
**FOR**  
**INTEREST, SERIAL BONDS**  
**AND MAINTENANCE**  
**OF THE**  
**METROPOLITAN DISTRICTS**



GOVERNMENT DOCUMENTS  
COLLECTION

APR 1 1977

UNIVERSITY OF MASSACHUSETTS



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# The Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1976

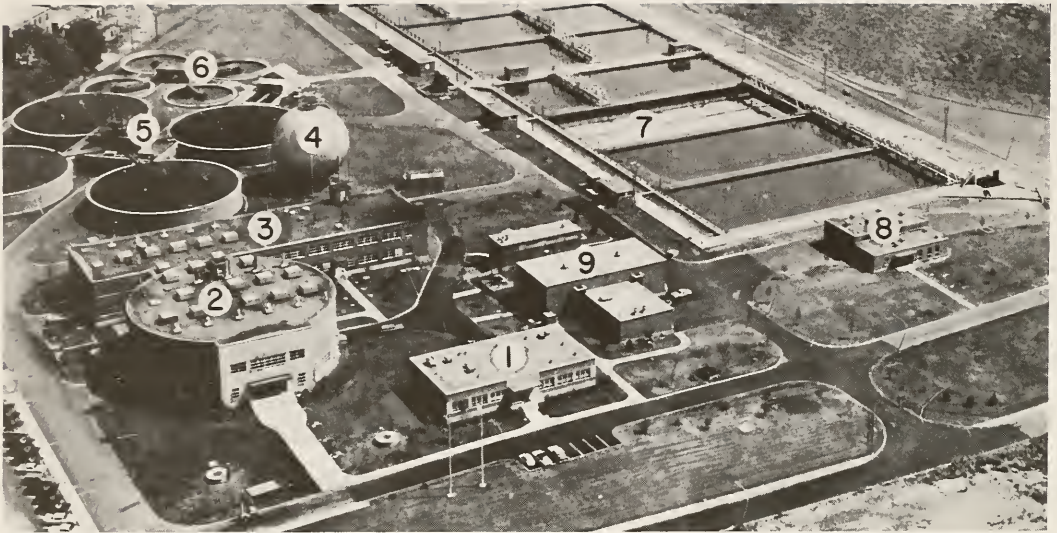
Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1976 to be paid by the cities and towns comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

From September 1, 1975 through August 31, 1976, no bonds were issued by the Commonwealth.

## Metropolitan Sewer

Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to



*MAGNITUDE OF MDC DEER ISLAND SEWAGE TREATMENT PLANT is graphically shown in this aerial photo. The complex facilities, credited with alleviating pollution in Boston Harbor and other waterways, consist of (1) administration building and laboratory, (2) pumping station, (3) power plant, (4) storage sphere for sewage gas used to operate the plant, (5) sludge digestion tanks, (6) sludge and scum thickening tanks, (7) sedimentation and settling tanks, each 255 feet long and 103 feet wide, (8) chlorine building and (9) Winthrop Terminal headworks. Not shown are a water storage reservoir to supply cooling water for equipment, reservoir pumping station and an equipment garage.*

December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission, by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system of which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section 5; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connection authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to



the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

**SECTION 5B.** The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and town, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction as estimated by the state reasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

**SECTION 6.** The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

**SECTION 7.** The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## **Metropolitan Water**

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

**SECTION 1.** Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

**SECTION 25.** All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service





*Over 1,750,000 Greater Bostonians availed themselves last year of inexpensive recreation at the 25 MDC skating rinks. The facilities were used for general skating, hockey and special programs, such as figure skating, school physical education classes and groups of retarded children.*

requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

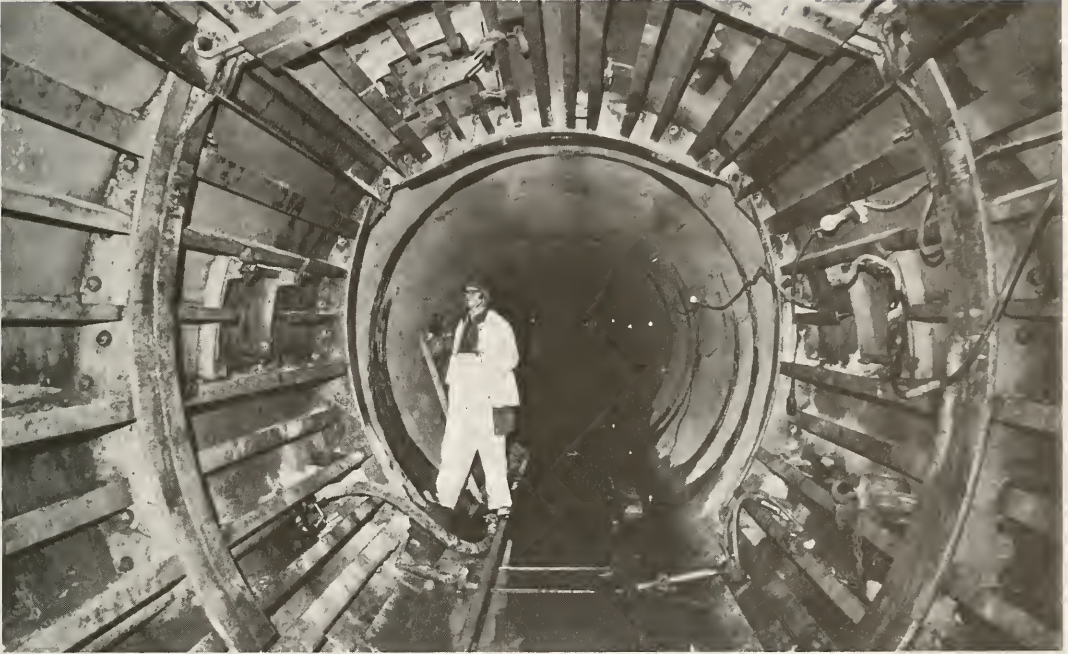
SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26, (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

— (a) in the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of two hundred forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

## Metropolitan Parks



*TYPICAL WATER SUPPLY TUNNEL serving the Metropolitan Water District is the newly-completed deep-rock Dorchester Tunnel, designed to enlarge the distribution system. Big enough to accommodate an automobile, it is 10 feet in diameter, 6.6 miles long and 300 feet below ground level.*

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.



SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949). The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the geneneral court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

*ROBERT Q. CRANE*  
Treasurer and Receiver-General

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 476,957.04	\$ 447,070.46	\$ 398,887.21	\$ 1,322,914.71
Ashland			80,193.48	80,193.48
Bedford			99,639.78	99,639.78
Belmont	248,382.96	318,180.48	232,944.16	799,507.60
Boston	12,888,419.04	2,760,741.27	5,230,848.55	20,880,008.86
Braintree		403,909.32	293,317.43	697,226.75
Brookline	645,967.44	596,850.85	422,128.15	1,664,946.44
Burlington			194,960.16	194,960.16
Cambridge	99,995.76	756,375.12	921,335.62	1,777,706.50
Canton	53,589.60	206,932.86	156,663.05	417,185.51
Chelsea	306,371.04	122,513.37	206,958.57	635,842.98
Cohasset		3,508.82		3,508.82
Dedham		298,538.09	217,000.21	515,538.30
Dover		81,215.92		81,215.92
Everett	677,613.36	443,691.43	336,506.90	1,457,811.69
Framingham			533,223.78	533,223.78
Hingham		202,524.81	52,056.60	254,581.41
Hull		82,474.53		82,474.53
Lexington	392,832.96		259,393.32	652,226.28
Lynn		535,674.09		535,674.09
Lynnfield Water District	34,949.76			34,949.76
Malden	606,356.16	422,176.64	445,364.97	1,473,897.77
Marblehead	210,551.52	123,456.78		210,551.52
Medford	755,648.64	441,312.06	484,031.01	1,680,991.71
Melrose	296,015.52	261,494.46	255,849.06	813,359.04
Milton	211,492.32	282,158.18	217,014.72	710,665.22
Nahant	36,797.04	41,293.32		78,090.36
Natick			252,011.71	252,011.71
Needham	88,181.04	394,714.68	239,967.69	722,863.41
Newton	1,160,895.12	955,791.12	712,197.05	2,828,883.29
Norwood	357,348.00		256,543.03	613,891.03
Peabody	102,054.24			102,054.24
Quincy	956,084.16	727,324.52	735,824.36	2,419,233.04
Randolph			232,792.70	232,792.70
Reading			188,197.53	188,197.53
Revere	374,610.24	313,291.77	327,956.23	1,015,858.24
Saugus	234,918.00	243,621.44		478,539.44
Somerville	803,154.96	450,465.38	647,377.43	1,900,997.77
Stoneham	275,654.88	197,762.11	171,262.13	644,679.12
Stoughton			204,248.49	204,248.49
Swampscott	159,193.68	87,164.87		246,358.55
Wakefield	207,604.80	234,010.12	206,818.63	648,433.55
Walpole			215,107.11	215,107.11
Waltham	979,209.84	589,133.75	501,151.48	2,069,495.07
Watertown	422,033.28	307,304.29	295,101.73	1,024,439.30
Wellesley		369,551.97	211,203.09	580,755.06
Weston	102,205.92	205,512.28		307,718.20
Westwood		185,561.95	111,345.76	296,907.71
Weymouth		480,516.61	451,546.25	932,062.86
Wilmington			147,029.03	147,029.03
Winchester	95,305.44	250,880.48	189,448.98	535,634.90
Winthrop	174,988.32	145,918.74	161,694.85	482,601.91
Woburn			308,948.10	308,948.10
	\$24,435,382.08	\$14,847,162.16	\$17,806,090.09	\$57,088,634.33



## METROPOLITAN WATER DISTRICT

### Metropolitan Water Debt

Gross (and net) debt June 30, 1976

**Bonds Outstanding (Serial)**

Additional Water, Acts of 1926	2,536,000.00
Water Use Development Loan (Chapt. 587-1945) (Chapt. 549-1946)	56,530,000.00
Water Main Loan, Act of 1949 (Chapt. 575)	550,000.00
Water Main Loan, Act of 1954 (Chapt. 278)	474,000.00
Water Main Loan, Act of 1957 (Chapt. 711)	892,000.00
Water Main Loan, Act of 1959 (Chapt. 590)	760,000.00
Water Loan, Act of 1950 (Chapt. 660)	6,276,000.00
Water Loan, Act of 1952 (Chapt. 619)	3,830,000.00
Clinton Sewage Loan, Act of 1954 (Chapt. 462)	189,000.00
Met. Water District Additional Loan, Act of 1956 (Chapt. 685)	13,981,000.00
Met. Water District Additional Loan, Act of 1961 (Chapt. 522)	7,780,000.00
Met. Water District Additional Loan, Act of 1962 (Chapt. 654)	8,165,000.00
Met. Water District Additional Loan, Act of 1964 (Chapt. 403)	1,005,000.00
Met. Water District Additional Loan, Act of 1966 (Chapt. 564)	10,415,000.00
Met. Water District Additional Loan, Act of 1967 (Chapt. 669)	15,455,000.00
Met. Water District Additional Loan, Act of 1971 (Chapt. 982)	1,190,000.00
Water Main Loan, Act of 1967 (Chapt. 622)	150,000.00
Met. Water District Additional Loan, Act of 1968 (Chapt. 521)	820,000.00
Total Net Water Debt June 30, 1976	<u>\$130,998,000.00</u>

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1976:

*Fund Requirements July 1, 1975* \$ 707,129.92

*Fiscal Year Charges*

Appropriations	\$22,604,177.71
Appropriations of Restricted Revenue	31,208.14
Expenditures Authorized-Not Appropriated	92,151.54
Authorized Transfers	325,831.85
Split Appropriation-Other Fund Share	(3,999.50)
	<u>\$23,049,369.74</u>

*Deduct Reversions*

Appropriations	\$538,061.61		
Accounts Payable	<u>217,281.70</u>	<u>755,343.31</u>	<u>22,294,026.43</u>

Total Charges \$23,001,156.35

*Operating Revenues*

Departmental Revenue	\$ 1,486,383.94
District and Special Assessments	24,144,491.87
Transfer Receipts	<u>30,610.52</u>

Total Revenue 25,661,486.33

*Fund Surplus June 30, 1976* \$ 2,660,329.98

## METROPOLITAN WATER ASSESSMENT FOR 1976

Cities and Towns	Total Consumption for 1975 in Mil. Gals.	1976 Charge at \$240 per mil. gals. (Chapt. 1039, Acts of 1973)	Proportion for Computing Share
Arlington	1,987.321	\$ 476,957.04	.019520
Belmont	1,034.929	248,382.96	.010165
Boston	53,701.746	12,888,419.04	.527449
Brookline	2,691.531	645,967.44	.026436
Cambridge <sup>1</sup>	416.649	99,995.76	.004092
Canton <sup>1,2</sup>	223.290	53,589.60	.002193
Chelsea	1,276.546	306,371.04	.012538
Everett	2,823.389	677,613.36	.027731
Lexington	1,636.804	392,832.96	.016076
Lynnfield Water District	145.624	34,949.76	.001430
Malden	2,526.484	606,356.16	.024815
Marblehead	877.298	210,551.52	.008617
Medford	3,148.536	755,648.64	.030924
Melrose	1,233.398	296,015.52	.012114
Milton	881.218	211,492.32	.008655
Nahant	153.321	36,797.04	.001506
Needham <sup>1,3</sup>	367.421	88,181.04	.003609
Newton	4,837.063	1,160,895.12	.047509
Norwood	1,488.950	357,348.00	.014624
Peabody <sup>1</sup>	425.226	102,054.24	.004176
Quincy	3,983.684	956,084.16	.039127
Revere	1,560.876	374,610.24	.015331
Saugus	978.825	234,918.00	.009614
Somerville	3,346.479	803,154.96	.032869
Stoneham	1,148.562	275,654.88	.011281
Swampscott	663.307	159,193.68	.006515
Wakefield <sup>1</sup>	865.020	207,604.80	.008496
Waltham	4,080.041	979,209.84	.040073
Watertown	1,758.472	422,033.28	.017271
Weston <sup>1</sup>	425.858	102,205.92	.004183
Winchester <sup>1</sup>	397.106	95,305.44	.003900
Winthrop	729.118	174,988.32	.007161
	101,814.092	\$24,435,382.08	1.000000

1. Partial Supply Only.

2. Canton — Additional Payment \$28,789.92  
 Needham — Additional Payment 4,346.64

Assessment for Water Connections:

Canton — Sixth of ten payments 55,594.85

Assessment for Entrance Fees:

Canton — Sixth of ten payments 11,975.90

No water was discharged into the Charles River during the year 1975 under the provisions of Chapter 603 of the Acts of 1950.

**COMPARISON OF ASSESSMENTS 1975 and 1976  
WITH REVENUE FROM WATER RATES 1975**

Cities and Towns	1975	1976	Water Revenue Received in Cities and Towns 1975
Arlington	\$ 457,736.64	\$ 476,957.04	\$ 1,004,596.75
Belmont	227,393.04	248,382.96	634,312.29
Boston	12,700,362.48	12,888,419.04	13,755,687.00
Brookline	639,793.44	645,967.44	1,037,413.75
Cambridge	36,081.60	99,995.76	2,744,950.00
Canton	102,230.40	53,589.60	346,146.67
Chelsea	354,779.76	306,371.04	633,238.87
Everett	670,685.76	677,613.36	1,117,592.40
Lexington	351,754.32	392,832.96	735,486.52
Lynnfield Water District	31,948.56	34,949.76	185,934.00
Malden	662,559.36	606,356.16	510,531.46
Marblehead	200,757.12	210,551.52	550,314.63
Medford	691,994.16	755,648.64	941,774.65
Melrose	247,140.48	296,015.52	334,575.94
Milton	224,585.28	211,492.32	674,673.80
Nahant	35,788.80	36,797.04	63,329.49
Needham	81,373.20	88,181.04	543,904.46
Newton	1,086,383.04	1,160,895.12	2,164,160.20
Norwood	387,612.00	357,348.00	629,286.91
Peabody	62,838.96	102,054.24	758,342.97
Quincy	877,142.64	956,084.16	1,827,672.82
Revere	379,241.28	374,610.24	621,253.02
Saugus	204,175.20	234,918.00	328,670.64
Somerville	931,485.12	803,154.96	1,384,373.10
Stoneham	307,335.36	275,654.88	402,081.67
Swampscott	137,821.92	159,193.68	225,414.00
Wakefield	211,032.00	207,604.80	525,881.53
Waltham	1,009,762.08	979,209.84	2,422,260.74
Watertown	395,224.08	422,033.28	568,765.61
Weston	103,215.60	102,205.92	212,289.19
Winchester	70,085.52	95,305.44	402,205.40
Winthrop	160,650.48	174,988.32	294,505.47
	<u>\$24,040,969.68</u>	<u>\$24,435,382.08</u>	<u>\$38,581,625.95</u>

**METROPOLITAN PARKS DISTRICT**  
**Metropolitan Parks Debt**

Gross (and net) June 30, 1976

Bonds Outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 237,000.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	950,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	886,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	2,418,000.00
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	4,425,000.00
Charles River Flood Control Act of 1955 (Ch. 768)	115,000.00
Charles River Flood Control Act of 1961 (Ch. 520)	650,000.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	1,865,000.00
Mystic River Dam Loan, Act of 1957 (Ch. 647)	3,206,000.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	7,830,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	100,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	894,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	1,192,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	1,155,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	2,600,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	1,710,000.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	1,815,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	2,075,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	5,115,000.00
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	1,640,000.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	8,265,000.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	950,000.00
Lynn-Nahant Beach Erosion Loan, Act of 1966 (Ch. 576)	280,000.00
Revere Beach Reservation and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	470,000.00
	\$50,843,000.00



# METROPOLITAN PARKS EXPENSES

Debt Service:	Serial Bonds	Interest
Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	103,000.00	7,948.50
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	100,000.00	30,950.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	67,000.00	29,981.25
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	172,000.00	102,303.75
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	240,000.00	219,048.75
Charles River Flood Control Act of 1955 (Ch. 768)	50,000.00	4,987.50
Charles River Flood Control Act of 1961 (Ch. 520)	75,000.00	33,275.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	270,000.00	63,287.50
Mystic River Dam Loan, Act of 1957 (Ch. 647)	229,000.00	100,981.25
Mystic River Dam Loan, Act of 1963 (Ch. 547)	420,000.00	335,720.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00	4,500.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	248,000.00	34,091.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	298,000.00	44,364.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	165,000.00	43,267.50
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	250,000.00	104,675.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	175,000.00	79,090.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	605,000.00	92,260.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	325,000.00	100,125.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	240,000.00	285,022.50
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	145,000.00	78,550.00
Lynn-Nahant Beach Erosion Control Project Loan, Act of 1966 (Ch. 576)	15,000.00	16,100.00
Revere and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	30,000.00	25,850.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	50,000.00	60,450.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	435,000.00	498,127.50
Interest on Average Monthly Deficit		100,341.00
	<hr/> \$4,757,000.00	<hr/> \$2,495,297.00
Maintenance as appropriated by the Legislature		<hr/> \$7,252,297.00
Total Metropolitan Parks Expenses to be assessed		<hr/> 7,594,865.16
		<hr/> \$14,847,162.16

**METROPOLITAN PARKS DISTRICT RESERVATIONS  
AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements as  
Determined by the Metropolitan District Commission**

Cities and Towns	Cities and Towns Valuation Ch. 58 (000's omitted)	Valuation Per Cent Note 1.	Population 1975 Census	Population Per Cent	Chapt. 92, Sect. 55, Note 2.
Arlington	\$ 513,000	.030919	50,223	.025402	.029354
Belmont	379,100	.022848	27,660	.013990	.020086
Boston	2,600,000	.156703	637,986	.322679	.213965
Braintree	478,300	.028827	36,822	.018624	.025667
Brookline	709,000	.042732	53,150	.026882	.037799
Cambridge	838,300	.050525	102,095	.051637	.051368
Canton	246,300	.014844	18,114	.009162	.013078
Chelsea	120,900	.007287	25,066	.012678	.009177
Dedham	354,000	.021336	26,924	.013617	.018943
Dover	100,500	.006057	4,923	.002490	.004912
Everett	526,800	.031750	39,713	.020086	.028115
Hingham	238,000	.014344	19,544	.009885	.012975
Hull	92,400	.005569	10,572	.005347	.005544
Lynn	580,000	.034957	80,240	.040584	.037168
Malden	470,000	.028327	55,814	.028229	.028551
Medford	487,200	.029364	60,702	.030702	.030081
Melrose	295,200	.017792	32,213	.016293	.017449
Milton	331,600	.019986	27,214	.013764	.018075
Nahant	48,100	.002899	4,229	.002139	.002670
Needham	478,000	.028809	29,936	.015141	.024473
Newton	1,128,500	.068015	89,183	.045107	.060928
Quincy	817,800	.049289	91,487	.046272	.048722
Revere	349,000	.021034	41,292	.020884	.021175
Saugus	284,200	.017129	24,716	.012501	.015728
Somerville	465,000	.028026	80,596	.040764	.032565
Stoneham	228,100	.013748	21,564	.010907	.012917
Swampscott	185,700	.011192	14,329	.007247	.000790 <sup>(4)</sup>
Wakefield	269,000	.016213	26,041	.013171	.015337
Waltham	692,500	.041737	56,757	.028706	.037733
Watertown	350,000	.021095	36,075	.018246	.020328
Wellesley	450,000	.027122	26,593	.013450	.022770
Weston	256,000	.015429	11,478	.005805	.012332
Westwood	224,800	.013549	14,019	.007090	.011500
Weymouth	546,500	.032938	56,854	.028755	.031831
Winchester	297,500	.017930	22,672	.011467	.015919
Winthrop	160,600	.009679	20,359	.010297	.009975
	<u>\$16,591,900</u>	<u>1.000000</u>	<u>1,977,155</u>	<u>1.000000</u>	<u>1.000000</u>
Cohasset (note 3) <sup>m</sup>	112,000	.006705	7,785	.006705	.000462
	<u>\$16,703,900</u>		<u>1,984,940</u>		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8% of its proportion.)

Note 4. Swampscott Maintenance — Ch. 405 of 1968

# **METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS TOTAL ASSESSMENTS**

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	147,081.69	77,152.09	222,836.68	447,070.46
Belmont	108,687.94	57,012.55	152,479.99	318,180.48
Boston	745,436.18	391,020.53	1,624,284.56	2,760,741.27
Braintree	137,130.04	71,931.93	194,847.35	403,909.32
Brookline	203,276.13	106,629.04	286,945.68	596,850.85
Cambridge	240,347.43	126,074.89	389,952.80	756,375.12
Canton	70,612.91	37,040.19	99,279.76	206,932.86
Chelsea	34,664.26	18,183.23	69,665.88	122,513.37
Cohasset			3,508.82	3,508.82
Dedham	101,495.36	53,239.66	143,803.07	298,538.09
Dover	28,813.15	15,114.02	37,288.75	81,215.92
Everett	151,034.76	79,225.68	213,430.99	443,691.43
Hingham	68,234.41	35,792.55	98,497.85	202,524.81
Hull	26,491.74	13,896.31	42,086.48	82,474.53
Lynn	166,290.45	87,228.10	282,155.54	535,674.09
Malden	134,751.54	70,684.28	216,740.82	422,176.64
Medford	139,684.55	73,271.91	228,355.60	441,312.06
Melrose	84,636.55	44,396.33	132,461.58	261,494.46
Milton	95,073.40	49,871.01	137,213.77	282,158.18
Nahant	13,790.54	7,233.86	20,268.92	41,293.32
Needham	137,044.41	71,887.01	185,783.26	394,714.68
Newton	323,547.35	169,717.62	462,526.15	955,791.12
Quincy	234,467.77	122,990.69	369,866.06	727,324.52
Revere	100,058.73	52,486.07	160,746.97	313,291.77
Saugus	81,482.65	42,741.94	119,396.85	243,621.44
Somerville	133,319.68	69,933.19	247,212.51	450,465.38
Stoneham	65,399.23	34,305.34	98,057.54	197,762.11
Swampscott	53,240.34	27,927.36	5,997.17	87,164.87
Wakefield	77,125.24	40,456.25	116,428.63	234,010.12
Waltham	198,542.90	104,146.21	286,444.64	589,133.75
Watertown	100,348.91	52,638.29	154,317.09	307,304.29
Wellesley	129,019.35	67,677.44	172,855.18	369,551.97
Weston	73,395.75	38,499.93	93,616.60	205,512.28
Westwood	64,452.59	33,808.77	87,300.59	185,561.95
Weymouth	156,686.06	82,190.09	241,640.46	480,516.61
Winchester	85,293.01	44,740.67	120,846.80	250,880.48
Winthrop	46,043.00	24,151.97	75,723.77	145,918.74
	4,757,000.00	2,495,297.00	7,594,865.16	14,847,162.16

# **METROPOLITAN PARKS AND SEWERAGE DISTRICTS COMPARISON OF ASSESSMENTS 1975 and 1976**

	Parks 1975	Parks 1976	Sewerage 1975	Sewerage 1976
Arlington	\$ 506,656.50	\$ 447,070.46	\$ 456,957.51	\$ 398,887.21
Ashland			50,122.22	80,193.48
Bedford			79,965.84	99,639.78
Belmont	355,420.95	318,180.48	220,488.80	232,944.16
Boston	3,209,063.46	2,760,741.27	6,046,945.39	5,230,848.55
Braintree	449,304.84	403,909.32	248,910.20	293,317.43
Brookline	665,349.75	596,850.85	407,896.33	422,128.15
Burlington			147,605.55	194,960.16
Cambridge	828,731.47	756,375.12	1,112,687.44	921,335.62
Canton	229,010.51	206,932.86	133,875.95	156,663.05
Chelsea	147,638.75	122,513.37	321,983.66	206,958.57
Cohasset	4,759.26	3,508.82		
Dedham	333,987.19	298,538.09	247,460.76	217,000.21
Dover	89,234.63	81,215.92		
Everett	497,907.01	443,691.43	390,788.44	336,506.90
Framingham			361,083.23	533,223.78
Hingham	226,491.87	202,524.81	60,417.13	52,056.60
Hull	90,453.65	82,474.53		
Lexington			264,627.73	259,393.32
Lynn	619,256.68	535,674.09		
Malden	478,980.01	422,176.64	484,176.15	445,364.97
Medford	503,561.60	441,312.06	620,254.79	484,031.01
Melrose	295,724.81	261,494.46	296,585.62	255,849.06
Milton	315,415.11	282,158.18	288,908.82	217,014.72
Nahant	46,071.68	41,293.32		
Natick			215,934.06	252,011.71
Needham	439,739.29	394,714.68	239,731.81	239,967.69
Newton	1,066,878.01	955,791.12	852,652.36	712,197.05
Norwood			218,864.93	256,543.03
Quincy	818,778.29	727,324.52	830,243.41	735,824.36
Randolph			178,869.49	232,792.70
Reading			131,774.17	188,197.53
Revere	357,352.51	313,291.77	305,950.06	327,956.23
Saugus	272,394.72	243,621.44		
Somerville	526,314.47	450,465.38	715,926.51	647,377.43
Stoneham	221,790.17	197,762.11	169,684.92	171,262.13
Stoughton			130,271.81	204,248.49
Swampscott	79,013.42	87,164.87		
Wakefield	260,597.09	234,010.12	191,864.72	206,818.63
Walpole			110,212.78	215,107.11
Waltham	656,536.34	589,133.75	436,780.17	501,151.48
Watertown	350,769.98	307,304.29	322,735.94	295,101.73
Wellesley	410,270.64	369,551.97	186,768.03	211,203.09
Weston	225,390.66	205,512.28		
Westwood	205,174.09	185,561.95	97,930.29	111,345.76
Weymouth	539,624.91	480,516.61	392,633.71	451,546.25
Wilmington			102,212.21	147,029.03
Winchester	280,282.48	250,880.48	269,868.41	189,448.98
Winthrop	163,950.67	145,918.74	173,318.23	161,694.85
Woburn			352,821.91	308,948.10
	<u>\$16,767,877.47</u>	<u>\$14,847,162.16</u>	<u>\$18,868,791.49</u>	<u>\$17,806,090.09</u>



## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and Net) debt June 30, 1976

Bonds Outstanding (serial)	
District Sewerage Loan, Act of 1949 (Ch. 606)	\$10,220,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	11,467,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	324,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	299,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	439,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	65,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	16,744,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	3,380,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,300,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,105,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	3,400,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	7,290,000.00
Sewerage Loan, South System (Ch. 705)	183,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	594,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	687,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	297,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	208,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	486,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	373,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	439,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	211,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	5,465,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	575,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	7,000,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	6,130,000.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	975,000.00
Metropolitan Sewerage Loan, Act of 1972 (Ch. 803)	3,575,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1966 (Ch. 478)	960,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1969 (Ch. 526)	480,000.00
	\$85,671,000.00

**METROPOLITAN SEWERAGE DISTRICT**  
**Metropolitan Sewerage Expenses**

Debt Service:	Serial Bonds	Interest
District Sewerage Loan, Act of 1949 (Ch. 606)	695,700.00	325,542.50
Sewerage Loan, Act of 1951 (Ch. 645)	566,325.23	286,987.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	36,000.00	7,128.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	21,400.00	9,138.75
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	23,100.00	15,365.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	3,500.00	2,275.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	493,191.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	102,465.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	56,000.00	48,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	49,515.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	130,000.00	123,393.75
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	216,000.00	271,291.25
Sewerage Loan, South System (Ch. 705)	183,000.00	2,287.50
District Sewerage Loan, Act of 1951 (Ch. 527)	53,485.38	13,068.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	15,815.25
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	6,534.00
District Sewerage Loan, Act of 1954 (Ch. 580)	18,000.00	5,472.50
District Sewerage Loan, Act of 1955 (Ch. 410)	36,900.00	14,603.75
District Sewerage Loan, Act of 1955 (Ch. 551)	33,000.00	9,803.75
District Sewerage Loan, Act of 1957 (Ch. 710)	11,900.00	7,385.00
District Sewerage Loan, Act of 1957 (Ch. 764)	6,433.34	15,365.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	325,190.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	— 39,000.00	28,525.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	287,000.00
Metropolitan District Commission Malden Relief Sewer Loan 1969 (Ch. 526)	20,000.00	27,025.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	170,000.00	334,275.00

### Metropolitan Sewerage Expenses (Continued)

Metropolitan District Commission Malden			
Relief Sewer Loan 1966 (Ch. 478)	45,000.00	53,906.25	
Metropolitan District Commission Charles River			
Marginal Conduit Loan, Act of 1971 (Ch. 881)	25,000.00	55,575.00	
Metropolitan Sewerage Loan 1972 (Ch. 803)	125,000.00	208,600.00	
Interest on Average Monthly Deficit		<u>264,347.00</u>	
	<u>3,504,043.95</u>	<u>3,409,970.75</u>	6,914,014.70
Maintenance			<u>10,892,075.39</u>
Total Metropolitan Sewerage Expenses			<u>\$17,806,090.09</u>

# **METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION**

## **Ratios of Contribution on the Basis of G.L., Chap. 814, Section 5 and the Census Returns of 1975 as Determined by the Metropolitan District Commission, Sewerage Division**

City or Town	Census 1975	Population Equivalent of Major Industries (≥50,000 gpd)	Total Census and Population Equivalent	Ratios for Principal and Interest Fiscal Year Ending June 30, 1977
Arlington	50,223	0	50,223	0.021308
Ashland	8,906	3,223	12,129	0.005146
Bedford	12,314	625	12,939	0.005490
Belmont <sup>1</sup>	29,073 <sup>1</sup>	694	29,767	0.012629
Boston <sup>2</sup>	639,524 <sup>2</sup>	51,692	691,216	0.293256
Braintree	36,822	297	37,119	0.015748
Brookline	53,150	0	53,150	0.022549
Burlington	24,306	655	24,961	0.010590
Cambridge	102,095	37,660	139,755	0.059293
Canton	18,114	4,363	22,477	0.009536
Chelsea	25,066	2,687	27,753	0.011774
Dedham	26,924	1,081	28,005	0.011881
Everett	39,713	7,195	46,908	0.019901
Framingham	65,564	4,264	69,828	0.029625
Hingham <sup>3</sup>	6,553 <sup>3</sup>	0	6,555	0.002781
Lexington	32,477	496	32,973	0.013989
Malden	55,814	709	56,523	0.023980
Medford	60,702	655	61,357	0.026031
Melrose	32,213	0	32,213	0.013667
Milton	27,214	297	27,511	0.011672
Natick	31,102	1,701	32,803	0.013917
Needham	29,936	754	30,690	0.013021
Newton	89,183	1,324	90,507	0.038399
Norwood	31,316	2,668	33,984	0.014418
Quincy	91,487	3,144	94,631	0.040148
Randolph	29,206	283	29,489	0.012511
Reading	23,696	0	23,696	0.010053
Revere	41,292	0	41,292	0.017519
Somerville	80,596	2,479	83,075	0.035245
Stoneham	21,564	0	21,564	0.009149
Stoughton	25,717	0	25,717	0.010911
Wakefield	26,041	0	26,041	0.011048
Walpole	18,504	23,231	41,735	0.017707
Waltham <sup>4</sup>	58,602	12,178	70,780	0.030029
Watertown	36,075	2,930	39,005	0.016548
Wellesley	26,593	0	26,593	0.011282
Westwood	14,019	0	14,019	0.005948
Weymouth	56,854	0	56,854	0.024121
Wilmington	17,656	2,321	19,977	0.008475
Winchester	22,672	3,198	25,870	0.010976
Winthrop	20,359	0	20,359	0.008638
Woburn	35,329	9,669	44,998	0.019091
<b>TOTALS:</b>	<b>2,174,568</b>	<b>182,473</b>	<b>2,357,041</b>	<b>1.000000</b>

1. Including population of 1,413 at the McLean Hospital.

2. Including 1,240 persons at Boston State Hospital and 298 persons at Deer Island.

3. Part of Town, only included in the system.

4. Including 1,300 persons at the Metropolitan State Hospital and 545 persons at the Middlesex County Hospital.



**METROPOLITAN SEWERAGE DISTRICT**  
**Total Assessments**

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 74,664.17	\$ 72,659.66	\$ 251,563.38	\$ 398,887.21
Ashland	18,031.82	17,547.71	44,613.95	80,193.48
Bedford	19,237.21	18,720.74	61,681.83	99,639.78
Belmont	44,252.58	43,064.53	145,627.05	232,944.16
Boston	1,027,581.92	999,994.39	3,203,272.24	5,230,848.55
Braintree	55,181.69	53,700.22	184,435.52	293,317.43
Brookline	79,012.69	76,891.35	266,224.11	422,128.15
Burlington	37,107.83	36,111.60	121,740.73	194,960.16
Cambridge	207,765.28	202,187.40	511,382.94	921,335.62
Canton	33,414.57	32,517.49	90,730.99	156,663.05
Chelsea	41,256.62	40,148.99	125,552.96	206,958.57
Dedham	41,631.55	40,513.87	134,854.79	217,000.21
Everett	69,733.98	67,861.83	198,911.09	336,506.90
Framingham	103,807.31	101,020.39	328,396.08	533,223.78
Hingham	9,744.75	9,483.13	32,828.72	52,056.60
Lexington	49,018.08	47,702.09	162,673.15	259,393.32
Malden	84,026.98	81,771.09	279,566.90	445,364.97
Medford	91,213.77	88,764.95	304,052.29	484,031.01
Melrose	47,889.77	46,604.08	161,355.21	255,849.06
Milton	40,899.21	39,801.18	136,314.33	217,014.72
Natick	48,765.78	47,456.57	155,789.36	252,011.71
Needham	45,626.15	44,401.23	149,940.31	239,967.69
Newton	134,551.78	130,939.47	446,705.80	712,197.05
Norwood	50,521.30	49,164.96	156,856.77	256,543.03
Quincy	140,680.35	136,903.51	458,240.50	735,824.36
Randolph	43,839.09	42,662.15	146,291.46	232,792.70
Reading	35,226.15	34,280.44	118,690.94	188,197.53
Revere	61,387.34	59,739.28	206,829.61	327,956.23
Somerville	123,500.02	120,184.42	403,692.99	647,377.43
Stoneham	32,058.49	31,197.83	108,005.81	171,262.13
Stoughton	38,232.62	37,206.19	128,809.68	204,248.49
Wakefield	38,712.67	37,673.36	130,432.60	206,818.63
Walpole	62,046.10	60,380.35	92,680.66	215,107.11
Waltham	105,222.93	102,398.02	293,530.53	501,151.48
Watertown	57,984.91	56,428.19	180,688.63	295,101.73
Wellesley	39,532.62	38,471.29	133,199.18	211,203.09
Westwood	20,842.05	20,282.50	70,221.21	111,345.76
Weymouth	84,521.04	82,251.90	284,773.31	451,546.25
Wilmington	29,696.77	28,899.50	88,432.76	147,029.03
Winchester	38,460.38	37,427.83	113,560.77	189,448.98
Winthrop	30,267.93	29,455.32	101,971.60	161,694.85
Woburn	66,895.70	65,099.75	176,952.65	308,948.10
	<u>\$3,504,043.95</u>	<u>\$3,409,970.75</u>	<u>\$10,892,075.39</u>	<u>\$17,806,090.09</u>

## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

Net Debt June 30, 1976	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Arlington	\$ 1,825,477.66	\$ 2,557,080.97	\$ 1,572,014.73	\$ 5,954,573.36
Ashland	440,862.96			440,862.96
Bedford	470,333.78			470,333.78
Belmont	1,081,939.05	1,331,594.68	1,161,660.88	3,575,194.61
Boston	25,123,534.78	69,094,764.10	7,967,250.63	102,185,549.51
Braintree	1,349,146.91		1,465,651.17	2,814,798.08
Brookline	1,931,795.38	3,463,063.13	2,172,623.08	7,567,481.59
Burlington	907,255.89			907,255.89
Cambridge	5,079,690.60	536,043.82	2,568,842.58	8,184,577.00
Canton	816,958.66	287,278.62	754,713.49	1,858,950.77
Chelsea	1,008,690.35	1,642,452.93	370,492.94	3,021,636.22
Dedham	1,017,857.15		1,084,786.25	2,102,643.40
Dover			307,956.06	307,956.06
Everett	1,704,938.57	3,632,705.54	1,614,265.26	6,951,909.37
Framingham	2,538,003.38			2,538,003.38
Hingham	238,251.05		729,292.00	967,543.05
Hull			283,144.67	283,144.67
Lexington	1,198,451.62	2,105,923.85		3,304,375.47
Lynn			1,777,318.76	1,777,318.76
Lynnfield Water District		187,327.15		187,327.15
Malden	2,054,390.58	3,250,715.38	1,440,229.67	6,745,335.63
Marblehead		1,128,809.77		1,128,809.77
Medford	2,230,101.80	4,050,982.16	1,492,953.86	7,774,037.82
Melrose	1,170,865.56	1,586,909.77	904,598.66	3,662,373.99
Milton	999,951.91	1,133,787.69	1,016,148.19	3,149,887.79
Nahant		197,282.98	147,393.85	344,676.83
Natick	1,192,283.31			1,192,283.31
Needham	1,115,522.09	472,771.78	1,464,735.98	3,053,029.85
Newton	3,289,680.73	6,223,583.98	3,458,086.64	12,971,351.35
Norwood	1,235,204.48	1,915,714.76		3,150,919.24
Peabody		547,047.64		547,047.64
Quincy	3,439,519.31	5,125,558.74	2,506,000.62	11,071,078.67
Randolph	1,071,829.88			1,071,829.88
Reading	861,250.56			861,250.56
Revere	1,500,870.25	2,008,330.33	1,069,431.66	4,578,632.24
Saugus		1,259,414.77	870,889.74	2,130,304.51
Somerville	3,019,474.40	4,305,773.26	1,424,925.91	8,750,173.57
Stoneham	783,803.98	1,477,788.43	698,989.56	2,960,581.97
Stoughton	934,756.28			934,756.28
Swampscott		853,451.97	569,034.85	1,422,486.82
Wakefield	946,493.21	1,112,959.00	824,317.55	2,883,769.76
Walpole	1,516,976.40			1,516,976.40
Waltham	2,572,614.46	5,249,482.85	2,122,034.29	9,944,131.60
Watertown	1,417,683.71	2,262,466.45	1,072,533.08	4,752,683.24
Wellesley	966,540.22		1,378,963.84	2,345,504.06
Weston		547,964.63	784,456.64	1,332,421.27
Westwood	509,571.11		688,871.80	1,198,442.91
Weymouth	2,066,470.19		1,674,666.73	3,741,136.92
Wilmington	726,061.73			726,061.73
Winchester	940,324.90	510,892.20	911,614.99	2,362,832.09
Winthrop	740,026.10	938,076.67	492,109.39	2,170,212.16
Woburn	1,635,545.06			1,635,545.06
	<u>\$85,671,000.00</u>	<u>\$130,998,000.00</u>	<u>\$50,843,000.00</u>	<u>\$267,512,000.00</u>



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COLL.

## Commonwealth of Massachusetts

GOVERNMENT DOCUMENTS  
COLLECTION

1977

JUN 14 1978

University of Massachusetts

## ASSESSMENTS

FOR

INTEREST, SERIAL BONDS

AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS





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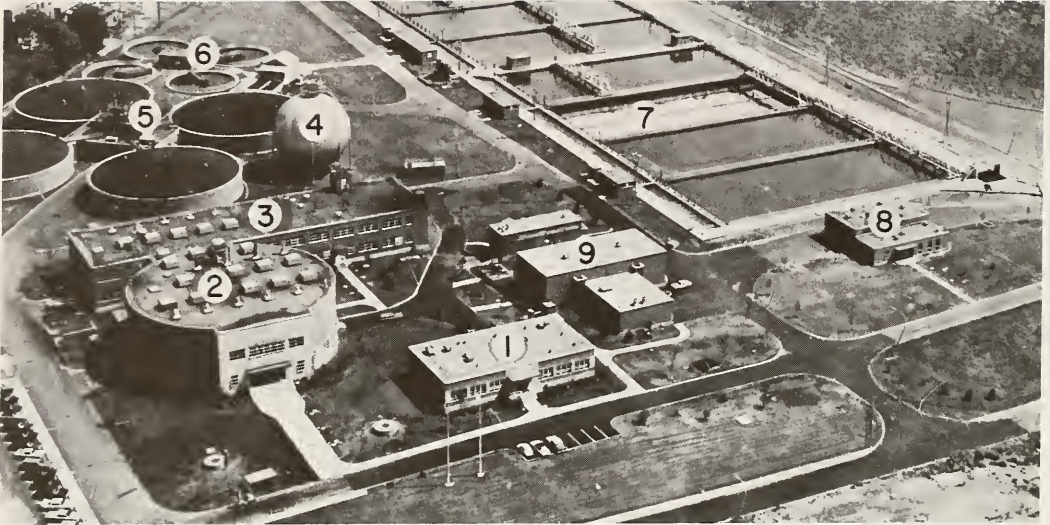
# Commonwealth of Massachusetts

TREASURY DEPARTMENT, Sept. 1, 1977

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1977 to be paid by the cities and towns, comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

From September 1, 1976, bonds have been issued as follows:

Met. Recreation and Environmental Loan, Act of 1972.....	\$7,000,000.00
Met. Water District Loan, Act of 1974.....	3,000,000.00
Wollaston Beach, Quincy Shore Reservation Loan, Act of 1967.....	900,000.00
Met. Water Dist. Additional Loan, Act of 1968.....	1,000,000.00
Met. Water Dist. Additional Loan, Act of 1971.....	1,000,000.00
Charles River Basin Improvement Loan, Act of 1962.....	1,000,000.00
Charles River Water Quality Loan, Act of 1972.....	1,000,000.00
Met. Parks District Loan, Act of 1974.....	2,000,000.00
M.D.C. Charles River Marginal Conduit Loan, Act of 1971.....	5,000,000.00
M.D.C. Recreation Loan, Act of 1970.....	2,000,000.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%).....	1,500,000.00



*MAGNITUDE OF MDC DEER ISLAND SEWAGE TREATMENT PLANT is graphically shown in this aerial photo. The complex facilities, credited with alleviating pollution in Boston Harbor and other waterways, consist of (1) administration building and laboratory, (2) pumping station, (3) power plant, (4) storage sphere for sewage gas used to operate the plant, (5) sludge digestion tanks, (6) sludge and scum thickening tanks, (7) sedimentation and settling tanks, each 255 feet long and 103 feet wide, (8) chlorine building and (9) Winthrop Terminal headworks. Not shown are a water storage reservoir to supply cooling water for equipment, reservoir pumping station and an equipment garage.*

### **Metropolitan Sewer**

Chapter 92 of the General Laws, as amended by Chapter 814, Acts of 1975.

**SECTION 5.** The proportions in which each of the cities and towns included in the metropolitan sewerage district shall annually pay to meet the total interest and principal requirements for each fiscal year on debt incurred for the metropolitan sewerage district system, shall be based on the respective populations of said cities and towns as ascertained by the last preceding state census, and on the population equivalents of the industrial wastes, as defined in Section five A, contributed to that system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the population and population equivalents only of that part of the city or town so included, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section.

**SECTION 5A.** As used in section five and in this section, "industrial wastes" shall mean wastes discharged to the metropolitan sewerage district system by users who would be subject to the cost-recovery provisions of federal law with respect to any federal grant that might be made for construction of works that will treat such wastes. "Non-industrial wastes" include all other wastes.

The commission shall annually calculate the portions of all federal construction grants awarded after March first, nineteen hundred and seventy-three, that are attributable to treatment of industrial wastes received into the metropolitan sewerage district system from cities and towns served by that system. The commission shall further allocate such portions among the cities and towns so served, in accordance with the population equivalents of their industrial waste flows to the treatment works for which the



federal construction grants were awarded. If federal law permits, the commission may aggregate the industrial waste portions of such grants and allocate such aggregated sum among the cities and towns in proportion to the population equivalents of their industrial waste flows to the metropolitan sewerage district system. The commission shall inform each city and town of its allocated share as determined under this section.

Each member city and town to which a share of cost is thus allocated shall assess its industrial users to recover from them the portions of that share which are attributable to treatment of their wastes. Every municipal program of industrial cost recovery and any amendments thereto shall be subject to the approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate methods of assessment. Such methods may include division of industrial users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of industrial cost recovery in accordance with this section, the commission shall establish, and may from time to time alter and amend, an industrial cost recovery program which such city or town shall promptly adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

The proceeds of industrial cost recoveries under this section shall be remitted not less than annually, in the form of checks made payable to the commonwealth, to the state treasurer, who shall deposit them in a special fund to be known as the Metropolitan District Commission Wastewater Management Fund. Such fund shall be invested and payments shall be made from it from time to time as may be required by state or federal law, provided that not less than ten per cent of all cost recoveries deposited in the fund, together with interest earned thereon, shall, subject to appropriation, be used to defray administrative expenses of the commission.

**SECTION 5B.** The cost of construction of extensions of the metropolitan sewerage district system to provide service for additional cities and towns, shall be paid by the cities and towns so benefited to the extent that such cost is not met by federal or state construction grants. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction, as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the respective additional capacities thereby made available to them by such construction. The proportion to be paid by each city and town benefited may be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission.

**SECTION 6.** The proportions in which the cities and towns included in the metropolitan sewerage district system shall annually pay to meet the total cost of operation and maintenance, including replacement, of the system shall be based on their respective populations contributing to the system, and on the population equivalents of other wastes contributed to the system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the contributing population and population equivalents only of that part of the city or town served in the district, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section. The commission shall annually allocate the cost shares for operation and maintenance, including replacement, among the cities and towns so served. For purposes of this section, "replacement" shall mean such expenditures for obtaining and installing equipment, accessories, or appurtenances during the useful life of treatment works as are necessary to maintain the capacity and performance for which the works are designed and constructed.

Each city and town to which a portion of cost is thus allocated shall adopt and administer a program of user charges requiring all users within its jurisdiction to pay their proportionate shares of such allocation. Every such program and any amendments thereto shall be subject to approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate





*Over 1,750,000 Greater Bostonians availed themselves last year of inexpensive recreation at the 25 MDC skating rinks. The facilities were used for general skating, hockey and special programs, such as figure skating, school physical education classes and groups of retarded children.*

methods of assessment. Such methods may include division of users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of user charges in accordance with this section, the commission shall establish, and may from time to time alter and amend, a user charge program which such city or town shall adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

**SECTION 7.** On or before September first of each year, the commission, in accordance with sections five, five A, five B, and six, and after consultation with the cities and towns served by the metropolitan sewerage district, shall establish the proportions in which the respective cities and towns shall annually pay money to the Commonwealth to meet interest and principal costs, industrial cost-recovery requirements, and costs of maintenance and operation of the metropolitan system. For these purposes, calculations of industrial waste contributions from each city and town shall be based on current and annually updated industrial waste surveys. Not later than September first of each year the commission shall submit to the officials of such cities and towns the ratios of apportionment so established. Not later than October first of each year the commission shall certify and transmit its determinations to the state treasurer.

**SECTION 8.** The amount of money required each year from every such city and town to meet the interest and principal requirements and costs aforesaid and the deficiency, if any, shall be estimated by the state treasurer in accordance with the proportions as determined aforesaid by the commission, and shall be included and made a part of the sum charged to such city or town, and shall be paid by the city or town to the commonwealth as provided by section twenty of chapter fifty-nine.



*TYPICAL WATER SUPPLY TUNNEL serving the Metropolitan Water District is the newly-completed deep-rock Dorchester Tunnel, designed to enlarge the distribution system. Big enough to accommodate an automobile, it is 10 feet in diameter, 6.6 miles long and 300 feet below ground level.*

### **Metropolitan Water**

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be



received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26, (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) in the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of two hundred forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year.

SECTION 26. "The Commission shall adjust the rate per million gallons each year by increasing or decreasing it to the next higher or lower multiple, as the case may be, of five dollars per million gallons so that the projected receipts from the water district equal, as nearly as practical, the total cost of interest, principal, sinking fund, maintenance and operation of the water system. The commission shall give due notice to the designated official of each member city and town of any proposed rate change and shall thereafter, in due course, hold a public hearing thereon. Subsequent thereto, the commission shall notify said official of the rate change, as determined by the commission, in January of the year it is to be assessed. The commission shall then, forthwith, certify to the state treasurer such action as has been taken by the commission."

### **Metropolitan Parks**

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from

general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

*ROBERT Q. CRANE*  
Treasurer and Receiver-General



Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 469,917.84	\$ 511,627.69	\$ 412,113.32	\$ 1,393,658.85
Ashland			66,107.54	66,107.54
Bedford			79,889.49	79,889.49
Belmont	245,637.36	377,337.35	235,355.45	858,330.16
Boston	13,209,518.88	3,826,984.36	5,674,899.81	22,711,403.05
Braintree		481,792.41	304,399.87	786,192.28
Brookline	618,924.96	640,836.56	436,373.44	1,696,134.96
Burlington			180,134.85	180,134.85
Cambridge	45,935.04	844,391.15	1,150,361.75	2,040,687.94
Canton	63,449.76	243,732.52	155,806.77	462,989.05
Chelsea	324,045.36	166,470.69	219,072.11	709,588.16
Cohasset		4,479.97		4,479.97
Dedham		332,024.65	216,483.20	548,507.85
Dover		114,507.23		114,507.23
Everett	682,950.96	522,159.90	384,840.34	1,589,951.20
Framingham			508,232.63	508,232.63
Hingham		253,716.61	45,035.17	298,751.78
Hull		92,671.37		92,671.37
Lexington	405,344.88		246,752.89	652,097.77
Lynn		584,285.71		584,285.71
Lynnfield Water District	36,923.28			36,923.28
Malden	588,214.32	427,226.00	463,735.71	1,479,176.03
Marblehead	201,089.52			201,089.52
Medford	792,282.48	522,824.58	503,514.11	1,818,621.17
Melrose	283,123.92	300,702.84	264,436.09	848,262.85
Milton	240,914.64	320,291.38	217,061.33	778,267.35
Nahant	36,666.24	55,425.75		92,091.99
Natick			225,327.51	225,327.51
Needham	88,134.72	472,567.11	238,082.69	798,784.52
Newton	1,079,023.68	1,041,508.00	743,027.81	2,863,559.49
Norwood	356,984.88		278,815.87	635,800.75
Peabody	136,172.16			136,172.16
Quincy	921,252.96	826,324.74	776,057.51	2,523,635.21
Randolph			170,029.89	170,029.89
Reading			164,988.80	164,988.80
Revere	384,637.92	370,110.36	329,880.28	1,084,628.56
Saugus	308,333.52	304,955.07		613,288.59
Somerville	791,753.04	534,655.97	693,694.35	2,020,103.36
Stoneham	282,239.52	238,359.84	174,539.27	695,138.63
Stoughton			131,890.72	131,890.72
Swampscott	153,915.60	98,753.70		252,669.30
Wakefield	206,215.20	259,741.56	190,797.05	656,753.81
Walpole			226,807.19	226,807.19
Waltham	979,257.60	654,443.41	639,043.98	2,272,744.99
Watertown	440,888.64	349,797.84	320,043.43	1,110,729.91
Wellesley		447,588.40	194,778.94	642,367.34
Weston	102,337.92	235,585.36		337,923.28
Westwood		225,674.38	73,883.87	299,558.25
Weymouth		539,889.23	368,028.81	907,918.04
Wilmington			75,485.94	75,485.94
Winchester	76,631.76	296,013.64	212,300.12	584,945.52
Winthrop	183,757.20	148,831.40	167,098.68	499,687.28
Woburn			324,654.74	324,654.74
	\$24,736,475.76	\$17,668,288.73	\$18,483,863.32	\$60,888,627.81

## METROPOLITAN WATER DISTRICT

### Metropolitan Water Debt

Gross (and net) debt June 30, 1977

**Bonds Outstanding (Serial)**

Additional Water, Acts of 1926	\$ 1,928,000.00
Water Use Development Loan (Chapt. 587-1945) (Chapt. 549-1946)	52,858,000.00
Water Main Loan, Act of 1949 (Chapt. 575)	440,000.00
Water Main Loan, Act of 1954 (Chapt. 278)	421,000.00
Water Main Loan, Act of 1957 (Chapt. 711)	817,000.00
Water Main Loan, Act of 1959 (Chapt. 590)	711,000.00
Water Loan, Act of 1950 (Chapt. 660)	5,889,000.00
Water Loan, Act of 1952 (Chapt. 619)	3,675,000.00
Clinton Sewage Loan, Act of 1954 (Chapt. 462)	168,000.00
Met. Water District Additional Loan, Act of 1956 (Chapt. 685)	13,570,000.00
Met. Water District Additional Loan, Act of 1961 (Chapt. 522)	7,580,000.00
Met. Water District Additional Loan, Act of 1962 (Chapt. 654)	7,950,000.00
Met. Water District Additional Loan, Act of 1964 (Chapt. 403)	950,000.00
Met. Water District Additional Loan, Act of 1966 (Chapt. 564)	10,175,000.00
Met. Water District Additional Loan, Act of 1967 (Chapt. 669)	15,100,000.00
Met. Water District Additional Loan, Act of 1971 (Chapt. 982)	2,165,000.00
Water Main Loan, Act of 1967 (Chapt. 622)	100,000.00
Met. Water District Additional Loan, Act of 1968 (Chapt. 521)	<u>1,760,000.00</u>
Total Net Water Debt June 30, 1977	\$126,257,000.00

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1977:

*Fund Requirements July 1, 1976* \$ 2,660,329.98

*Fiscal Year Charges*

Appropriations	\$23,969,668.68
Appropriations of Restricted Revenue	28,108.27
Expenditures Authorized-Not Appropriated	32,113.40
Authorized Transfers	741,996.86
Split Appropriation - Other Credits	<u>4,350.00</u>
	24,776,237.21

*Deduct Reversions*

Appropriations	\$908,971.30		
Accounts Payable	<u>83,762.45</u>	<u>992,733.75</u>	<u>23,783,503.46</u>
Total Charges			21,123,173.48

*Operating Revenues*

Departmental Revenue	\$ 1,723,356.86	
District and Special Assessment	24,536,089.39	
Transfer Receipts	<u>1,831.92</u>	
Total Revenue		<u>26,261,278.17</u>

*Fund Surplus June 30, 1977* \$ 5,138,104.69

# METROPOLITAN WATER ASSESSMENT FOR 1977

Cities and Towns	Total Consumption for 1976 in Mil. Gals.	1976 Charge at \$240 per mil. gals. (Chapt. 1039, Acts of 1973)	Proportion for Computing Share
Arlington	1,957.991	\$ 469,917.84	.018996
Belmont	1,023.489	245,637.36	.009930
Boston	55,039.662	13,209,518.88	.534010
Brookline	2,578.854	618,924.96	.025021
Cambridge <sup>1</sup>	191.396	45,935.04	.001857
Canton <sup>1,2,3</sup>	264.374	63,449.76	.002565
Chelsea	1,350.189	324,045.36	.013100
Everett	2,845.629	682,950.96	.027609
Lexington	1,688.937	405,344.88	.016386
Lynnfield Water District	153.847	36,923.28	.001493
Malden	2,450.893	588,214.32	.023779
Marblehead	837.873	201,089.52	.008129
Medford	3,301.177	792,282.48	.032029
Melrose	1,179.683	283,123.92	.011446
Milton	1,003.811	240,914.64	.009739
Nahant	152.776	36,666.24	.001482
Needham <sup>1,4</sup>	367.228	88,134.72	.003563
Newton	4,495.932	1,079,023.68	.043621
Norwood	1,487.437	356,984.88	.014432
Peabody <sup>1</sup>	567.384	136,172.16	.005505
Quincy	3,838.554	921,252.96	.037243
Revere	1,602.658	384,637.92	.015549
Saugus	1,284.723	308,333.52	.012465
Somerville <sup>2</sup>	3,298.971	791,753.04	.032008
Stoneham	1,175.998	282,239.52	.011410
Swampscott	641.315	153,915.60	.006222
Wakefield <sup>1</sup>	859.230	206,215.20	.008336
Waltham	4,080.240	979,257.60	.039588
Watertown	1,837.036	440,888.64	.017823
Weston <sup>1</sup>	426.408	102,337.92	.004137
Winchester	319.299	76,631.76	.003098
Winthrop	765.655	183,757.20	.007429
	103,068.649	\$24,736,475.76	1.000000

1. Partial Supply Only.

2. Assessment for Entrance Fee:

Canton - Seventh of ten payments

\$11,975.90

Assessment for Water Connection:

Canton - Seventh of ten payments

55,594.85

Somerville - credit agreement dated 11/26/76

1,925.60

3. Canton: - Additional payment

22,926.48

4. Needham - Additional payment

3,309.84

No water was discharged into the Charles River during the year 1976 under the provisions of Chap. 603 of the Acts of 1950.

No water was discharged into Bannister Brook during the year 1976 under the provisions of Chap. 557 of the Acts of 1947.

**COMPARISON OF ASSESSMENTS 1976 and 1977  
WITH REVENUE FROM WATER RATES 1976**

<b>Cities and Towns</b>	<b>1976</b>	<b>1977</b>	<b>Water Revenue Received by Cities and Towns 1976</b>
Arlington	\$ 476,957.04	\$ 469,917.84	\$ 1,095,143.25
Belmont	248,382.96	245,637.36	648,525.41
Boston	12,888,419.04	13,209,518.88	15,679,278.00
Brookline	645,967.44	618,924.96	1,603,069.01
Cambridge	99,995.76	45,935.04	2,790,066.87
Canton	53,589.60	63,449.76	330,889.11
Chelsea	306,371.04	324,045.36	611,410.92
Everett	677,613.36	682,950.96	1,110,928.27
Lexington	392,832.96	405,344.88	690,680.41
Lynnfield Water District	34,949.76	36,923.28	215,513.00
Malden	606,356.16	588,214.32	542,068.33
Marblehead	210,551.52	201,089.52	533,327.75
Medford	755,648.64	792,282.48	898,726.59
Melrose	296,015.52	283,123.92	318,351.14
Milton	211,492.32	240,914.64	604,815.00
Nahant	36,797.04	36,666.24	76,625.94
Needham	88,181.04	88,134.72	860,165.10
Newton	1,160,895.12	1,079,023.68	1,968,505.00
Norwood	357,348.00	356,984.88	681,832.58
Peabody	102,054.24	136,172.16	775,488.83
Quincy	956,084.16	921,252.96	2,146,441.00
Revere	374,610.24	384,637.92	820,749.40
Saugus	234,918.00	308,333.52	398,693.05
Somerville	803,154.96	791,753.04	1,439,887.31
Stoneham	275,654.88	282,239.52	437,119.77
Swampscott	159,193.68	153,915.60	334,163.00
Wakefield	207,604.80	206,215.20	562,670.57
Waltham	979,209.84	979,257.60	2,415,653.23
Watertown	422,033.28	440,888.64	899,171.13
Weston	102,205.92	102,337.92	347,173.29
Winchester	95,305.44	76,631.76	412,365.55
Winthrop	174,988.32	183,757.20	429,550.71
	<u>\$24,435,382.08</u>	<u>\$24,736,475.76</u>	<u>\$42,679,048.52</u>



**METROPOLITAN PARKS DISTRICT**  
**Metropolitan Parks Debt**

Gross (and net) June 30, 1977

Bonds Outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 134,000.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	850,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	819,000.00
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	2,246,000.00
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	5,185,000.00
Charles River Flood Control Act of 1955 (Ch. 768)	65,000.00
Charles River Flood Control Act of 1961 (Ch. 520)	580,000.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	1,595,000.00
Mystic River Dam Loan, Act of 1957 (Ch. 647)	2,977,000.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	7,410,000.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	646,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	894,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	990,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	2,350,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	1,535,000.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	1,210,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	1,750,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	6,825,000.00
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	1,495,000.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	7,830,000.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	1,900,000.00
Lynn-Nahant Beach Erosion Loan, Act of 1966 (Ch. 576)	265,000.00
Revere Beach Reservation and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	440,000.00
Wollaston Beach, Quincy Shore Res. Loan, Act of 1967	900,000.00
Metropolitan Parks District Loan Act of 1974	2,000,000.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	1,500,000.00
	<hr/> \$54,441,000.00

# METROPOLITAN PARKS EXPENSES

Debt Service:	Serial Bonds	Interest
Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 53,000.00	\$ 5,015.50
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	100,000.00	27,700.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	67,000.00	27,843.75
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	298,358.68	266,801.25
Charles River Flood Control, Act of 1955 (Ch. 768)	50,000.00	3,412.50
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	172,000.00	94,996.25
Charles River Flood Control, Act of 1961 (Ch. 520)	70,000.00	29,792.50
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	270,000.00	54,432.50
Mystic River Dam Loan, Act of 1957 (Ch. 647)	229,000.00	93,928.75
Mystic River Dam Loan, Act of 1963 (Ch. 547)	420,000.00	318,230.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00	3,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	248,000.00	26,029.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	298,000.00	34,201.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	165,000.00	37,557.50
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	250,000.00	95,075.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	175,000.00	71,390.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	605,000.00	64,140.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	325,000.00	85,250.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	451,717.35	387,717.50
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	145,000.00	71,750.00
Lynn-Nahant Beach Erosion Control Project Loan, Act of 1966 (Ch. 576)	15,000.00	15,237.50
Revere and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	30,000.00	24,200.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	98,358.68	116,550.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	426,041.46	465,815.84
Wollaston Beach, Quincy Shore Reservation Loan, Act of 1967 (Ch. 786)	58,522.71	53,280.00
Metropolitan Parks District Loan 1974	96,717.35	118,400.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	72,538.02	88,800.00
Interest on Average Monthly Deficit		216,632.00
	<hr/> \$5,239,254.25	<hr/> \$2,897,178.34
Maintenance as appropriated by the Legislature		\$ 8,136,432.59
Total Metropolitan Parks Expenses to be assessed		<hr/> 9,531,856.14
		\$17,668,288.73

**METROPOLITAN PARKS DISTRICT RESERVATIONS  
AND BOULEVARDS**  
**Proportion of Interest, Serial Bonds and Maintenance Requirements as  
Determined by the Metropolitan District Commission**

Cities and Towns	1976 Eq. Valuation	Valuation Per Cent Note 1.	Population 1975 Census	Population Per cent	Chapt. 92 Sect. 55 Note 2.
Arlington	\$ 554,452	.029571	50,223	.025402	.028447
Belmont	428,500	.022853	27,660	.013990	.020089
Boston	3,600,000	.192001	637,986	.322679	.237713
Braintree	544,000	.029013	36,822	.018624	.025792
Brookline	715,000	.038134	53,150	.026882	.034696
Cambridge	875,000	.046667	102,095	.051637	.048774
Canton	276,338	.014738	18,114	.009162	.012996
Chelsea	162,100	.008645	25,066	.012678	.010090
Dedham	371,600	.019819	26,924	.013617	.017924
Dover	137,200	.007317	4,923	.002490	.005770
Everett	590,100	.031472	39,713	.020086	.027929
Hingham	286,100	.015259	19,544	.009885	.013599
Hull	97,370	.005193	10,572	.005347	.005292
Lynn	585,500	.031227	80,240	.040584	.034659
Malden	434,100	.023152	55,814	.028229	.025070
Medford	547,100	.029179	60,702	.030702	.029957
Melrose	320,300	.017083	32,213	.016293	.016973
Milton	356,000	.018987	27,214	.013764	.017403
Nahant	62,600	.003339	4,229	.002139	.002966
Needham	546,600	.029152	29,936	.015141	.024705
Newton	1,156,200	.061664	89,183	.045107	.056656
Quincy	874,000	.046614	91,487	.046272	.046923
Revere	390,800	.020843	41,292	.020884	.021047
Saugus	341,448	.018211	24,716	.012501	.016456
Somerville	520,800	.027776	80,596	.040764	.032397
Stoneham	262,200	.013984	21,564	.010907	.013076
Swampscott	210,200	.011211	14,329	.007247	.000791 <sup>4</sup>
Wakefield	280,400	.014955	26,041	.013171	.014491
Waltham	725,000	.038667	56,757	.028706	.035669
Watertown	375,531	.020028	36,075	.018246	.019611
Wellesley	521,400	.027808	26,593	.013450	.023231
Weston	279,700	.014917	11,478	.005805	.011988
Westwood	261,613	.013953	14,019	.007090	.011771
Weymouth	577,147	.030781	56,854	.028755	.030380
Winchester	334,200	.017824	22,672	.011467	.015848
Winthrop	149,300	.007963	20,359	.010297	.008821
	\$18,749,899	1.000000	1,977,155	1.000000	1.000000
Cohasset (note 3) <sup>m</sup>	129,235	.006845		.003922	.000470
	\$18,879,134				

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8% of its proportion.)

Note 4. Swampscott Maintenance - Ch. 405 of 1968

# **METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS TOTAL ASSESSMENTS**

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 154,929.99	\$ 85,672.45	\$ 271,025.25	\$ 511,627.69
Belmont	119,732.68	66,209.21	191,395.46	377,337.35
Boston	1,005,942.06	556,261.13	2,264,781.17	3,826,984.36
Braintree	152,006.48	84,055.84	245,730.09	481,792.41
Brookline	199,793.72	110,481.00	330,561.84	640,836.56
Cambridge	244,500.28	135,202.62	464,688.25	844,391.15
Canton	77,216.13	42,698.61	123,817.78	243,732.52
Chelsea	45,293.35	25,046.11	96,131.23	166,470.69
Cohasset			4,479.97	4,479.97
Dedham	103,836.78	57,419.18	170,768.69	332,024.65
Dover	38,335.62	21,198.65	54,972.96	114,507.23
Everett	164,889.81	91,180.00	266,090.09	522,159.90
Hingham	79,945.78	44,208.04	129,562.79	253,716.61
Hull	27,207.45	15,045.05	50,418.87	92,671.37
Lynn	163,606.19	90,470.19	330,209.33	584,285.71
Malden	121,299.21	67,075.47	238,851.32	427,226.00
Medford	152,876.20	84,536.77	285,411.61	522,824.58
Melrose	89,502.18	49,492.50	161,708.16	300,702.84
Milton	99,477.72	55,008.73	165,804.93	320,291.38
Nahant	17,493.87	9,673.68	28,258.20	55,425.75
Needham	152,734.74	84,458.54	235,373.83	472,567.11
Newton	323,073.37	178,651.61	539,783.02	1,041,508.00
Quincy	244,222.60	135,049.07	447,053.07	826,324.74
Revere	109,201.78	60,385.89	200,522.69	370,110.36
Saugus	95,412.06	52,760.51	156,782.50	304,955.07
Somerville	145,525.53	80,472.03	308,658.41	534,655.97
Stoneham	73,265.73	40,514.14	124,579.97	238,359.84
Swampscott	58,737.28	32,480.27	7,536.15	98,753.70
Wakefield	78,353.05	43,327.30	138,061.21	259,741.56
Waltham	202,586.24	112,025.19	339,831.98	654,443.41
Watertown	104,931.78	58,024.69	186,841.37	349,797.84
Wellesley	145,693.18	80,564.74	221,330.48	447,588.40
Weston	78,153.96	43,217.21	114,214.19	235,585.36
Westwood	73,103.31	40,424.33	112,146.74	225,674.38
Weymouth	161,269.49	89,178.05	289,441.69	539,889.23
Winchester	93,384.47	51,639.31	150,989.86	296,013.64
Winthrop	41,720.18	23,070.23	84,040.99	148,831.40
	<u>\$5,239,254.25</u>	<u>\$2,897,178.34</u>	<u>\$9,531,856.14</u>	<u>\$17,668,288.73</u>



# **METROPOLITAN PARKS AND SEWERAGE DISTRICTS COMPARISON OF ASSESSMENTS 1976 and 1977**

	Parks 1976	Parks 1977	Sewerage 1976	Sewerage 1977
Arlington	\$ 447,070.46	\$ 511,627.69	\$ 398,887.21	\$ 412,113.32
Ashland			80,193.48	66,107.54
Bedford			99,639.78	79,889.49
Belmont	318,180.48	377,337.35	232,944.16	235,355.45
Boston	2,760,741.27	3,826,984.36	5,230,848.55	5,674,899.81
Braintree	403,909.32	481,792.41	293,317.43	304,399.87
Brookline	596,850.85	640,836.56	422,128.15	436,373.44
Burlington			194,960.16	180,134.85
Cambridge	756,375.12	844,391.15	921,335.62	1,150,361.75
Canton	206,932.86	243,732.52	156,663.05	155,806.77
Chelsea	122,513.37	166,470.69	206,958.57	219,072.11
Cohasset	3,508.82	4,479.97		
Dedham	298,538.09	332,024.65	217,000.21	216,483.20
Dover	81,215.92	114,507.23		
Everett	443,691.43	522,159.90	336,506.90	384,840.34
Framingham			533,223.78	508,232.63
Hingham	202,524.81	253,716.61	52,056.60	45,035.17
Hull	82,474.53	92,671.37		
Lexington			259,393.32	246,752.89
Lynn	535,674.09	584,285.71		
Malden	422,176.64	427,226.00	445,364.97	463,735.71
Medford	441,312.06	522,824.58	484,031.01	503,514.11
Melrose	261,494.46	300,702.84	255,849.06	264,436.09
Milton	282,158.18	320,291.38	217,014.72	217,061.33
Nahant	41,293.32	55,425.75		
Natick			252,011.71	225,327.51
Needham	394,714.68	472,567.11	239,967.69	238,082.69
Newton	955,791.12	1,041,508.00	712,197.05	743,027.81
Norwood			256,543.03	278,815.87
Quincy	727,324.52	826,324.74	735,824.36	776,057.51
Randolph			232,792.70	170,029.89
Reading			188,197.53	164,988.80
Revere	313,291.77	370,110.36	327,956.23	329,880.28
Saugus	243,621.44	304,955.07		
Somerville	450,465.38	534,655.97	647,377.43	693,694.35
Stoneham	197,762.11	238,359.84	171,262.13	174,539.27
Stoughton			204,248.49	131,890.72
Swampscott	87,164.87	98,753.70		
Wakefield	234,010.12	259,741.56	206,818.63	190,797.05
Walpole			215,107.11	226,807.19
Waltham	589,133.75	654,443.41	501,151.48	639,043.98
Watertown	307,304.29	349,797.84	295,101.73	320,043.43
Wellesley	369,551.97	447,588.40	211,203.09	194,778.94
Weston	205,512.28	235,585.36		
Westwood	185,561.95	225,674.38	111,345.76	73,883.87
Weymouth	480,516.61	539,889.23	451,546.25	368,028.81
Wilmington			147,029.03	75,485.94
Winchester	250,880.48	296,013.64	189,448.98	212,300.12
Winthrop	145,918.74	148,831.40	161,694.85	167,098.68
Woburn			308,948.10	324,654.74
	\$14,847,162.16	\$17,668,288.73	\$17,806,090.09	\$18,483,863.32

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1977

**Bonds Outstanding (serial):**

District Sewerage Loan, Act of 1949, (Ch. 606)	\$ 9,383,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	10,693,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	288,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	274,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	406,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	60,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	16,100,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	3,250,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,220,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	2,020,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	3,270,000.00
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	7,020,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	528,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	614,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	264,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	190,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	444,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	340,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	406,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	194,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	5,305,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	545,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	6,800,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	5,960,000.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	5,950,000.00
Metropolitan Sewerage Loan, Act of 1972 (Ch. 803)	3,450,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1966 (Ch. 478)	915,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1969 (Ch. 526)	460,000.00
	\$86,349,000.00

## METROPOLITAN SEWERAGE DISTRICT

### Metropolitan Sewerage Expenses

Debt Service:	Serial Bonds	Interest
District Sewerage Loan, Act of 1949 (Ch. 606)	\$ 697,700.00	\$ 298,723.75
Sewerage Loan, Act of 1951 (Ch. 645)	679,430.21	268,667.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	36,000.00	6,336.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	22,400.00	8,347.50
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	23,100.00	14,210.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	3,500.00	2,100.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	474,059.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	98,485.00
Metropolitan District Sewerage Loan, Act of 1962 (Ch. 593)	56,000.00	45,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	47,420.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	130,000.00	118,596.25
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	216,000.00	261,088.75
District Sewerage Loan, Act of 1951 (Ch. 527)	53,485.38	11,616.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	14,126.75
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	5,808.00
District Sewerage Loan, Act of 1954 (Ch. 580)	19,000.00	4,963.75
District Sewerage Loan, Act of 1955 (Ch. 410)	36,900.00	13,321.25
District Sewerage Loan, Act of 1955 (Ch. 551)	34,000.00	8,882.50
District Sewerage Loan, Act of 1957 (Ch. 710)	14,766.67	14,210.00
District Sewerage Loan, Act of 1957 (Ch. 764)	11,900.00	6,790.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	315,705.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	— 39,000.00	27,050.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	278,800.00
Metropolitan District Commission Malden Relief Sewer Loan, 1969 (Ch. 526)	20,000.00	25,875.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	170,000.00	324,875.00
Metropolitan District Commission Malden Relief Sewer Loan 1966 (Ch. 478)	45,000.00	51,318.75
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	266,793.38	502,150.00
Metropolitan Sewerage Loan 1972 (Ch. 803)	125,000.00	201,300.00
Interest on Average Monthly Deficit		268,411.00
	<hr/> \$3,689,275.64	<hr/> \$3,719,136.75
Maintenance		\$ 7,408,412.39
		<hr/> 11,075,450.93
Total Metropolitan Sewerage Expenses		<hr/> \$18,483,863.32

**METROPOLITAN DISTRICT COMMISSION  
SEWERAGE DIVISION**

**Ratios of Contribution on the Basis of G.L., Chap. 814, Section 5  
and the Census Returns of 1975 as Determined by the  
Metropolitan District Commission, Sewerage Division**

City or Town	Census 1975	Population Equivalent of Major Industries (≥50,000GPD)	Total Census and Population Equivalent	Ratios for Principal and Interest Fiscal Year Ending June 30, 1978
Arlington	50,223	0	50,223	0.021285
Ashland	8,906	3,225	12,131	0.005141
Bedford	12,314	1,260	13,574	0.005753
Belmont <sup>1</sup>	28,687	695	29,382	0.012452
Boston <sup>2</sup>	639,552	51,727	691,279	0.292968
Braintree	36,822	298	37,120	0.015732
Brookline	53,150	0	53,150	0.022525
Burlington	24,306	655	24,961	0.010579
Cambridge	102,095	38,077	140,172	0.059406
Canton	18,114	5,185	23,299	0.009874
Chelsea	25,066	1,623	26,689	0.011311
Dedham	26,924	1,082	28,006	0.011869
Everett	39,713	7,200	46,913	0.019882
Framingham	65,564	4,267	69,831	0.029595
Hingham <sup>3</sup>	6,555	0	6,555	0.002778
Holbrook	0	0	0	0.000000
Lexington	32,477	496	32,973	0.013974
Malden	55,814	710	56,524	0.023955
Medford	60,702	655	61,357	0.026004
Melrose	32,213	0	32,213	0.013652
Milton	27,214	298	27,512	0.011660
Natick	31,102	1,702	32,804	0.013903
Needham	29,936	754	30,690	0.013007
Newton	89,183	1,325	90,508	0.038358
Norwood	31,316	2,669	33,985	0.014403
Quincy	91,487	3,146	94,633	0.040106
Randolph	29,206	283	29,489	0.012498
Reading	23,696	0	23,696	0.010043
Revere	41,292	0	41,292	0.017500
Somerville	80,596	3,964	84,560	0.035837
Stoneham	21,564	0	21,564	0.009139
Stoughton	25,717	0	25,717	0.010899
Wakefield	26,041	0	26,041	0.011036
Walpole	18,504	16,692	35,196	0.014916
Waltham <sup>4</sup>	58,795	19,048	77,843	0.032990
Watertown	36,075	2,932	39,007	0.016531
Wellesley	26,593	0	26,593	0.011270
Westwood	14,019	0	14,019	0.005941



Weymouth	56,854	0	56,854	0.024095
Wilmington	17,656	2,322	19,978	0.008467
Winchester	22,672	3,200	25,872	0.010965
Winthrop	20,359	0	20,359	0.008628
Woburn	<u>35,329</u>	<u>9,676</u>	<u>45,005</u>	<u>0.019073</u>
TOTALS:	2,174,403	185,166	2,359,569	1.000000

1. Including population of 1,027 at the McLean Hospital.
2. Including 1,136 persons at Boston State Hospital and 430 persons at Deer Island.
3. Part of town only, included in the system.
4. Including 1,450 persons at the Metropolitan State Hospital and 588 persons at the Middlesex County Hospital.

# METROPOLITAN SEWERAGE DISTRICT

## Total Assessments

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 78,526.22	\$ 79,161.84	\$ 254,425.26	\$ 412,113.32
Ashland	18,966.56	19,120.08	28,020.90	66,107.54
Bedford	21,224.40	21,396.19	37,268.90	79,889.49
Belmont	45,938.85	46,310.69	143,105.91	235,355.45
Boston	1,080,839.71	1,089,588.06	3,504,472.04	5,674,899.81
Braintree	58,039.68	58,509.46	187,850.73	304,399.87
Brookline	83,100.93	83,773.56	269,498.95	436,373.44
Burlington	39,028.85	39,344.75	101,761.25	180,134.85
Cambridge	219,165.11	220,939.04	710,257.60	1,150,361.75
Canton	36,427.91	36,722.76	82,656.10	155,806.77
Chelsea	41,729.40	42,067.16	135,275.55	219,072.11
Dedham	43,788.01	44,142.43	128,552.76	216,483.20
Everett	73,350.18	73,943.88	237,546.28	384,840.34
Frammingham	109,184.11	110,067.85	288,980.67	508,232.63
Hingham	10,248.81	10,331.76	24,454.60	45,035.17
Lexington	51,553.94	51,971.22	143,227.73	246,752.89
Malden	88,376.60	89,091.92	286,267.19	463,735.71
Medford	95,935.92	96,712.43	310,865.76	503,514.11
Melrose	50,365.99	50,773.65	163,296.45	264,436.09
Milton	43,016.95	43,365.13	130,679.25	217,061.33
Natick	51,292.00	51,707.16	122,328.35	225,327.51
Needham	47,986.41	48,374.81	141,721.47	238,082.69
Newton	141,513.23	142,658.65	458,855.93	743,027.81
Norwood	53,136.64	53,566.73	172,112.50	278,815.87
Quincy	147,962.09	149,159.70	478,935.72	776,057.51
Randolph	46,108.57	46,481.77	77,439.55	170,029.89
Reading	37,051.40	37,351.29	90,586.11	164,988.80
Revere	64,562.32	65,084.89	200,233.07	329,880.28
Somerville	132,212.57	133,282.70	428,199.08	693,694.35
Stoneham	33,716.29	33,989.19	106,833.79	174,539.27
Stoughton	40,209.42	40,534.87	51,146.43	131,890.72
Wakefield	40,714.85	41,044.39	109,037.81	190,797.05
Walpole	55,029.24	55,474.64	116,303.31	226,807.19
Waltham	121,709.20	122,694.32	394,640.46	639,043.98
Watertown	60,987.42	61,481.05	197,574.96	320,043.43
Wellesley	41,578.14	41,914.67	111,286.13	194,778.94
Westwood	21,917.99	22,095.39	29,870.49	73,883.87
Weymouth	88,893.10	89,612.60	189,523.11	368,028.81
Wilmington	31,237.10	31,489.93	12,758.91	75,485.94
Winchester	40,452.91	40,780.33	131,066.88	212,300.12
Winthrop	31,831.07	32,088.71	103,178.90	167,098.68
Woburn	70,365.55	70,935.10	183,354.09	324,654.74
	\$3,689,275.64	\$3,719,136.75	\$11,075,450.93	\$18,483,863.32

## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

Net Debt June 30, 1977	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Arlington	\$ 1,837,938.46	\$ 2,398,377.98	\$ 1,609,874.82	\$ 5,846,191.26
Ashland	443,920.20			443,920.20
Bedford	496,765.80			496,765.80
Belmont	1,075,217.74	1,253,732.01	1,244,140.18	3,573,089.93
Boston	25,297,493.83	67,422,500.57	10,452,726.45	103,172,720.85
Braintree	1,358,442.47		1,579,496.74	2,937,939.21
Brookline	1,945,011.23	3,159,076.40	2,076,053.10	7,180,140.73
Burlington	913,486.07			913,486.07
Cambridge	5,129,648.69	234,459.25	2,540,598.15	7,904,706.09
Canton	852,610.03	323,849.21	802,351.46	1,978,810.70
Chelsea	976,693.54	1,653,966.70	470,642.45	3,101,302.69
Dedham	1,024,876.28		1,078,966.18	2,103,842.46
Dover			398,344.80	398,344.80
Everett	1,716,790.82	3,485,829.51	1,713,367.16	6,915,987.49
Framingham	2,555,498.66			2,555,498.66
Hingham	239,877.52		830,715.22	1,070,592.74
Hull			282,712.12	282,712.12
Lexington	1,206,640.93	2,068,847.20		3,275,488.13
Lynn			1,700,029.11	1,700,029.11
Lynnfield Water District		188,501.70		188,501.70
Malden	2,068,490.30	3,002,265.20	1,260,418.04	6,331,173.54
Marblehead		1,026,343.15		1,026,343.15
Medford	2,245,419.40	4,043,885.45	1,588,533.94	7,877,838.79
Melrose	1,178,836.55	1,445,137.62	930,015.61	3,553,989.78
Milton	1,006,829.34	1,229,616.92	1,033,671.26	3,270,117.52
Nahant		187,112.87	181,778.49	368,891.36
Natick	1,200,510.15			1,200,510.15
Needham	1,123,141.44	449,853.69	1,587,064.03	3,160,059.16
Newton	3,312,174.94	5,507,456.60	3,357,049.82	12,176,681.36
Norwood	1,243,684.65	1,822,141.02		3,065,825.67
Peabody		695,044.79		695,044.79
Quincy	3,463,112.99	4,702,189.45	2,537,712.77	10,703,015.21
Randolph	1,079,189.80			1,079,189.80
Reading	867,203.01			867,203.01
Revere	1,511,107.50	1,963,170.09	1,134,713.76	4,608,991.35
Saugus		1,573,793.51	991,425.05	2,565,218.56
Somerville	3,094,489.11	4,041,234.06	1,512,153.21	8,647,876.38
Stoneham	789,143.51	1,440,592.37	761,302.94	2,991,038.82
Stoughton	941,117.75			941,117.75
Swampscott		785,571.05	610,338.05	1,395,909.10
Wakefield	952,947.56	1,052,478.35	814,165.15	2,819,591.06
Walpole	1,287,981.68			1,287,981.68
Waltham	2,848,653.51	4,998,262.12	2,105,070.14	9,951,985.77
Watertown	1,427,435.32	2,250,278.51	1,090,344.34	4,768,058.17
Wellesley	973,153.23		1,513,895.32	2,487,048.55
Weston		522,325.21	812,096.39	1,334,421.60
Westwood	512,999.41		759,615.27	1,272,614.68
Weymouth	2,080,579.16		1,675,748.42	3,756,327.58
Wilmington	731,116.98			731,116.98
Winchester	946,816.79	391,144.19	970,356.38	2,308,317.36
Winthrop	745,019.17	937,963.25	433,513.68	2,116,496.10
Woburn	1,646,934.48			1,646,934.48
	\$86,349,000.00	\$126,257,000.00	\$54,441,000.00	\$267,047,000.00

MASS.  
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COLL.

# Commonwealth of Massachusetts 1978

## ASSESSMENTS

FOR

INTEREST, SERIAL BONDS

AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

GOVERNMENT DOCUMENTS  
COLLECTION  
MAY 16 1979  
University of Massachusetts  
Depository Copy





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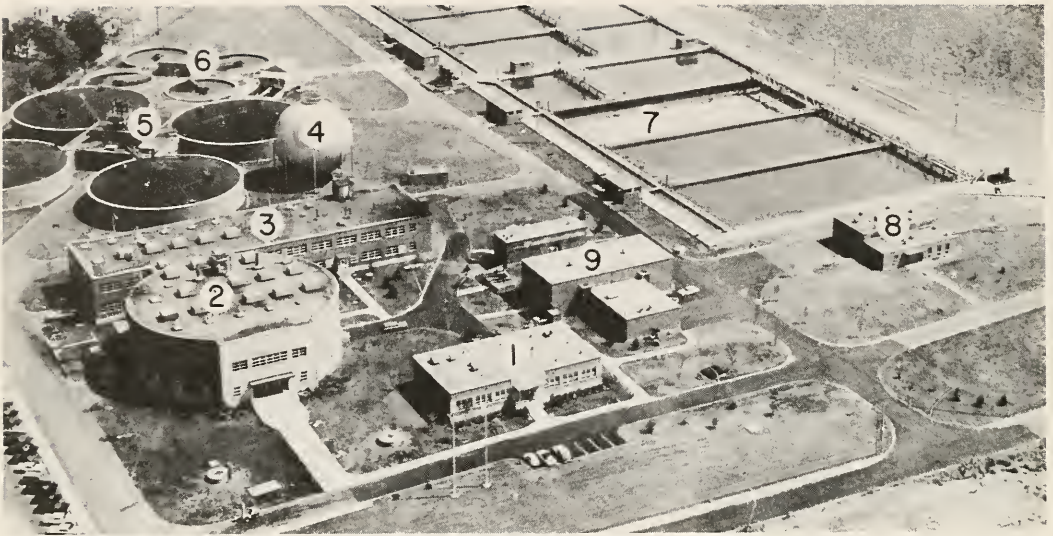
# Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEP. 1, 1978

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1978 to be paid by the cities and towns, comprising the Metropolitan District are compiled and printed as a public document and herewith submitted.

From September 1, 1977, bonds have been issued as follows:

Metropolitan Recreation and Environmental Loan, Act of 1972 .....	\$3,000,000.00
Metropolitan Parks District Loan, Act of 1974.....	1,000,000.00
Metropolitan Sewer Loan Act of 1972 .....	5,000,000.00



*MAGNITUDE OF MDC DEER ISLAND SEWAGE TREATMENT PLANT is graphically shown in this aerial photo. The complex facilities, credited with alleviating pollution in Boston Harbor and other waterways, consist of (1) administration building and laboratory, (2) pumping station, (3) power plant, (4) storage sphere for sewage gas used to operate the plant, (5) sludge digestion tanks, (6) sludge and scum thickening tanks, (7) sedimentation and settling tanks, each 255 feet long and 103 feet wide, (8) chlorine building and (9) Winthrop Terminal headworks. Not shown are a water storage reservoir to supply cooling water for equipment, reservoir pumping station and an equipment garage.*

### **Metropolitan Sewer**

Chapter 92 of the General Laws, as amended by Chapter 814, Acts of 1975.

**SECTION 5.** The proportions in which each of the cities and towns included in the metropolitan sewerage district shall annually pay to meet the total interest and principal requirements for each fiscal year on debt incurred for the metropolitan sewerage district system, shall be based on the respective populations of said cities and towns as ascertained by the last preceding state census, and on the population equivalents of the industrial wastes, as defined in Section five A, contributed to that system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the population and population equivalents only of that part of the city or town so included, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section.

**SECTION 5A.** As used in section five and in this section, "industrial wastes" shall mean wastes discharged to the metropolitan sewerage district system by users who would be subject to the cost-recovery provisions of federal law with respect to any federal grant that might be made for construction of works that will treat such wastes. "Non-industrial wastes" include all other wastes.

The commission shall annually calculate the portions of all federal construction grants awarded after March first, nineteen hundred and seventy-three, that are attributable to treatment of industrial wastes received into the metropolitan sewerage district system from cities and towns served by that system. The commission shall further allocate such portions among the cities and towns so served, in accordance with the population equivalents of their industrial waste flows to the treatment works for which the

federal construction grants were awarded. If federal law permits, the commission may aggregate the industrial waste portions of such grants and allocate such aggregated sum among the cities and towns in proportion to the population equivalents of their industrial waste flows to the metropolitan sewerage district system. The commission shall inform each city and town of its allocated share as determined under this section.

Each member city and town to which a share of cost is thus allocated shall assess its industrial users to recover from them the portions of that share which are attributable to treatment of their wastes. Every municipal program of industrial cost recovery and any amendments thereto shall be subject to the approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate methods of assessment. Such methods may include division of industrial users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of industrial cost recovery in accordance with this section, the commission shall establish, and may from time to time alter and amend, an industrial cost recovery program which such city or town shall promptly adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

The proceeds of industrial cost recoveries under this section shall be remitted not less than annually, in the form of checks made payable to the commonwealth, to the state treasurer, who shall deposit them in a special fund to be known as the Metropolitan District Commission Wastewater Management Fund. Such fund shall be invested and payments shall be made from it from time to time as may be required by state or federal law, provided that not less than ten per cent of all cost recoveries deposited in the fund, together with interest earned thereon, shall, subject to appropriation, be used to defray administrative expenses of the commission.

**SECTION 5B.** The cost of construction of extensions of the metropolitan sewerage district system to provide service for additional cities and towns, shall be paid by the cities and towns so benefited to the extent that such cost is not met by federal or state construction grants. The annual amounts required to meet payments of principal and interest on debt incurred to finance such construction, as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the respective additional capacities thereby made available to them by such construction. The proportion to be paid by each city and town benefited may be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission.

**SECTION 6.** The proportions in which the cities and towns included in the metropolitan sewerage district system shall annually pay to meet the total cost of operation and maintenance, including replacement, of the system shall be based on their respective populations contributing to the system, and on the population equivalents of other wastes contributed to the system by the respective cities and towns, as determined by the commission. If less than the whole area of any city or town is included in the metropolitan sewerage district, the contributing population and population equivalents only of that part of the city or town served in the district, as determined by the commission, shall be used as a basis for determining the proportions to be paid under this section. The commission shall annually allocate the cost shares for operation and maintenance, including replacement, among the cities and towns so served. For purposes of this section, "replacement" shall mean such expenditures for obtaining and installing equipment, accessories, or appurtenances during the useful life of treatment works as are necessary to maintain the capacity and performance for which the works are designed and constructed.

Each city and town to which a portion of cost is thus allocated shall adopt and administer a program of user charges requiring all users within its jurisdiction to pay their proportionate shares of such allocation. Every such program and any amendments thereto shall be subject to approval of the commission, which shall not be withheld if the program meets requirements of federal law, and, upon request, the commission may assist a city or town in the development and application of appropriate





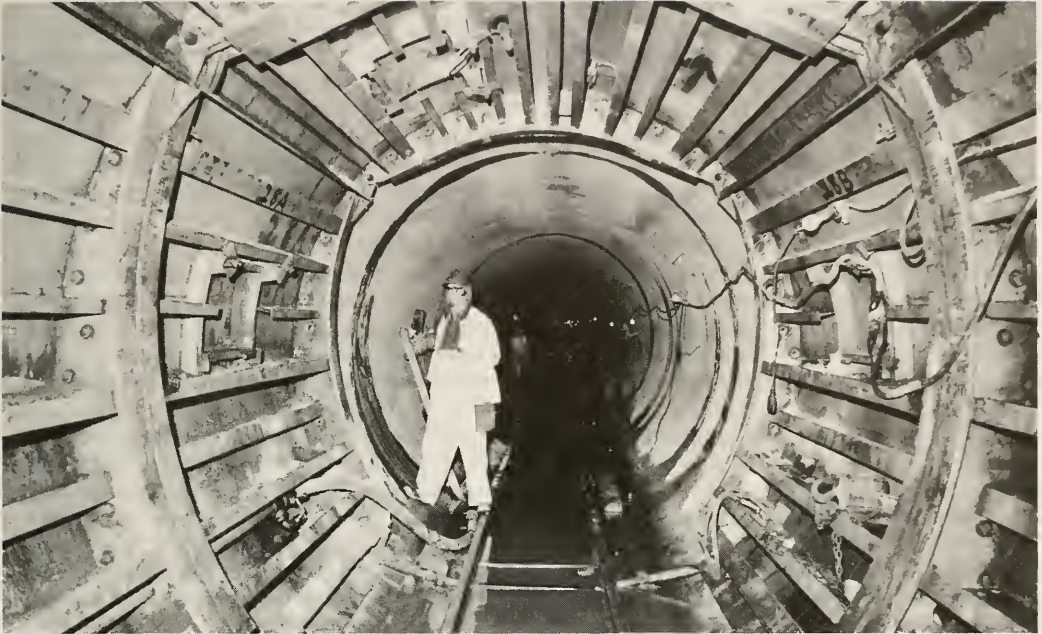
*Over 1,750,000 Greater Bostonians availed themselves last year of inexpensive recreation at the 25 MDC skating rinks. The facilities were used for general skating, hockey and special programs, such as figure skating, school physical education classes and groups of retarded children.*

methods of assessment. Such methods may include division of users into classes according to their typical wasteload characteristics.

If, within the time allowed for meeting federal grant conditions, any city or town served by the metropolitan sewerage district system fails to establish an acceptable program of user charges in accordance with this section, the commission shall establish, and may from time to time alter and amend, a user charge program which such city or town shall adopt and implement, pending establishment of its own acceptable program in accordance with the preceding paragraph.

SECTION 7. On or before September first of each year, the commission, in accordance with sections five, five A, five B, and six, and after consultation with the cities and towns served by the metropolitan sewerage district, shall establish the proportions in which the respective cities and towns shall annually pay money to the Commonwealth to meet interest and principal costs, industrial cost-recovery requirements, and costs of maintenance and operation of the metropolitan system. For these purposes, calculations of industrial waste contributions from each city and town shall be based on current and annually updated industrial waste surveys. Not later than September first of each year the commission shall submit to the officials of such cities and towns the ratios of apportionment so established. Not later than October first of each year the commission shall certify and transmit its determinations to the state treasurer.

SECTION 8. The amount of money required each year from every such city and town to meet the interest and principal requirements and costs aforesaid and the deficiency, if any, shall be estimated by the state treasurer in accordance with the proportions as determined aforesaid by the commission, and shall be included and made a part of the sum charged to such city or town, and shall be paid by the city or town to the commonwealth as provided by section twenty of chapter fifty-nine.



*TYPICAL WATER SUPPLY TUNNEL serving the Metropolitan Water District is the newly-completed deep-rock Dorchester Tunnel, designed to enlarge the distribution system. Big enough to accommodate an automobile, it is 10 feet in diameter, 6.6 miles long and 300 feet below ground level.*

### **Metropolitan Water**

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-six.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirement of metropolitan water district bonds shall be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be



received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total operating revenues, as defined in section twenty-five and all Section 26, (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) in the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of two hundred forty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year.

SECTION 26. "The Commission shall adjust the rate per million gallons each year by increasing or decreasing it to the next higher or lower multiple, as the case may be, of five dollars per million gallons so that the projected receipts from the water district equal, as nearly as practical, the total cost of interest, principal, sinking fund, maintenance and operation of the water system. The commission shall give due notice to the designated official of each member city and town of any proposed rate change and shall thereafter, in due course, hold a public hearing thereon. Subsequent thereto, the commission shall notify said official of the rate change, as determined by the commission, in January of the year it is to be assessed. The commission shall then, forthwith, certify to the state treasurer such action as has been taken by the commission."

### **Metropolitan Parks**

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:

In any year in which the amount of bonds issued in accordance with the provision of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds percent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949, and Chapter 405 of the Acts of 1968.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty percent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from

general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in proportion to their populations and the remaining two thirds in proportion to their valuations, except that the towns of Cohasset and Swampscott shall each pay only eight per cent of their respective proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said parks district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

SECTION 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriation for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

*ROBERT Q. CRANE*  
Treasurer and Receiver-General



Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 437,933.52	\$ 565,676.02	\$ 452,140.40	\$ 1,455,749.94
Ashland			72,449.51	72,449.51
Bedford			99,499.66	99,499.66
Belmont	250,176.24	416,217.83	261,624.57	928,018.64
Boston	12,798,714.00	4,258,714.72	6,213,719.06	23,271,147.78
Braintree		531,592.11	344,378.62	875,970.73
Brookline	636,667.44	707,504.83	479,039.42	1,823,211.69
Burlington			220,390.34	220,390.34
Cambridge	5,990.40	935,602.00	1,254,234.07	2,195,826.47
Canton	66,087.36	268,868.48	144,698.20	479,654.04
Chelsea	287,737.68	184,974.99	240,201.18	712,913.85
Cohasset		5,196.71		5,196.71
Dedham		366,508.56	237,814.74	604,323.30
Dover		125,946.77		125,946.77
Everett	657,458.88	576,105.69	395,230.27	1,628,794.84
Framingham			564,106.83	564,106.83
Hingham		279,960.00	49,219.92	329,179.92
Holbrook			42,437.59	42,437.59
Hull		102,614.63		102,614.63
Lexington	425,699.52		271,515.60	697,215.12
Lynn		648,401.25		648,401.25
Lynnfield Water District	34,772.40			34,772.40
Malden	609,980.64	473,806.91	505,018.59	1,588,806.14
Marblehead	203,420.64			203,420.64
Medford	777,551.76	579,032.84	552,098.38	1,908,682.98
Melrose	263,998.32	332,748.32	290,084.53	886,831.17
Milton	252,851.52	353,680.44	238,044.50	844,576.46
Nahant	40,088.64	61,153.50		101,242.14
Natick			256,724.08	256,724.08
Needham	85,892.64	520,760.16	260,677.19	867,329.99
Newton	1,070,768.64	1,150,153.29	812,505.07	3,033,427.00
Norwood	344,022.72		307,446.04	651,468.76
Peabody	24,520.80			24,520.80
Quincy	984,821.04	914,694.99	861,900.53	2,761,416.56
Randolph			191,386.92	191,386.92
Reading			183,297.97	183,297.97
Revere	418,214.64	409,724.59	362,321.71	1,190,260.94
Saugus	318,031.92	336,620.16		654,652.08
Somerville	764,642.88	594,076.32	760,257.98	2,118,977.18
Stoneham	276,816.72	263,345.20	191,830.27	731,992.19
Stoughton			147,183.78	147,183.78
Swampscott	178,524.00	104,011.25		282,535.25
Wakefield	202,723.20	287,234.68	230,055.66	720,013.54
Walpole			242,425.24	242,425.24
Waltham	1,000,879.20	722,787.40	689,220.79	2,412,887.39
Watertown	442,904.88	386,928.69	361,613.93	1,191,447.50
Wellesley		493,048.91	215,594.71	708,643.62
Weston	96,155.04	259,249.51		355,404.55
Westwood		248,659.37	82,243.37	330,902.74
Weymouth		597,321.21	408,188.20	1,005,509.41
Wilmington			81,947.25	81,947.25
Winchester	115,125.60	326,612.10	231,847.96	673,585.66
Winthrop	199,850.40	165,154.90	183,433.37	548,438.67
Woburn			353,483.59	353,483.59
	<u>\$24,273,023.28</u>	<u>\$19,554,689.33</u>	<u>\$20,343,531.59</u>	<u>\$64,171,244.20</u>

## METROPOLITAN WATER DISTRICT

### Metropolitan Water Debt

Gross (and net) debt June 30, 1978

Bonds Outstanding (serial)

Additional Water, Acts of 1926	\$ 1,320,000.00
Water Use Development Loan (Chapt. 587-1945) (Chapt. 549-1946)	49,261,000.00
Water Main Loan, Act of 1949 (Chapt. 575)	330,000.00
Water Main Loan, Act of 1954 (Chapt. 278)	368,000.00
Water Main Loan, Act of 1957 (Chapt. 711)	742,000.00
Water Main Loan, Act of 1959 (Chapt. 590)	662,000.00
Water Loan, Act of 1950 (Chapt. 660)	5,502,000.00
Water Loan, Act of 1952 (Chapt. 619)	3,520,000.00
Clinton Sewage Loan, Act of 1954 (Chapt. 462)	147,000.00
Met. Water District Additional Loan, Act of 1956 (Chapt. 685)	13,159,000.00
Met. Water District Additional Loan, Act of 1961 (Chapt. 522)	7,380,000.00
Met. Water District Additional Loan, Act of 1962 (Chapt. 654)	7,735,000.00
Met. Water District Additional Loan, Act of 1964 (Chapt. 403)	900,000.00
Met. Water District Additional Loan, Act of 1966 (Chapt. 564)	9,935,000.00
Met. Water District Additional Loan, Act of 1967 (Chapt. 669)	14,745,000.00
Met. Water District Additional Loan, Act of 1971 (Chapt. 982)	2,090,000.00
Water Main Loan, Act of 1967 (Chapt. 622)	50,000.00
Met. Water District Additional Loan, Act of 1968 (Chapt. 521)	1,620,000.00
Met. Water District Act of 1974	3,000,000.00

Total Net Water Debt Due June 30, 1978

\$122,466,000.00

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of General Laws, Chapter 92, Section 25A, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1978:

Fund Balance July 1, 1977 \$ 5,138,104.69

#### Fiscal Year Charges

Appropriations	\$24,468,197.00
Appropriations of Restricted Revenue	8,554.16
Expenditures Authorized - Not Appropriated	3,813.00
Authorized Transfers	2,190,004.21
Split Appropriation - Other Credits	750.00
	<u>\$26,671,318.37</u>

#### Deduct Reversions

Appropriations	\$648,704.60		
Accounts Payable	<u>288,192.14</u>	<u>936,896.74</u>	<u>25,734,421.63</u>
Total Charges			20,596,316.94

#### Operating Revenues

Department Revenue	\$ 2,358,583.27	
District and Special Assessment	24,830,282.83	
Transfer Receipts	-0-	
Total Revenue		<u>27,188,866.10</u>

Fund Surplus June 30, 1978

\$ 6,592,549.16

# METROPOLITAN WATER ASSESSMENTS FOR 1978

Cities and Towns	Total Consumption for 1977 in Mil. Gals.	1977 Charge at \$240 per mil. gals. (Chapt. 1039, Acts of 1973)	Proportion for Computing Share
Arlington	1,824.723	\$ 437,933.52	.018042
Belmont	1,042.401	250,176.24	.010307
Boston	53,327.975	12,798,714.00	.527282
Brookline	2,652.781	636,667.44	.026230
Cambridge 1	24.960	5,990.40	.000247
Canton 1, 2, 3	275.364	66,087.36	.002723
Chelsea	1,198.907	287,737.68	.011855
Everett	2,739.412	657,458.88	.027086
Lexington	1,773.748	425,699.52	.017538
Lynnfield Water District	144.885	34,772.40	.001433
Malden	2,541.586	609,980.64	.025130
Marblehead	847.586	203,420.64	.008381
Medford	3,239.799	777,551.76	.032034
Melrose	1,099.993	263,998.32	.010877
Milton	1,053.548	252,851.52	.010417
Nahant	167.036	40,088.64	.001652
Needham 1, 3	357.886	85,892.64	.003539
Newton	4,461.536	1,070,768.64	.044114
Norwood	1,433.428	344,022.72	.014174
Peabody 1	102.170	24,520.80	.001010
Quincy	4,103.421	984,821.04	.040572
Revere	1,742.561	418,214.64	.017229
Saugus	1,325.133	318,031.92	.013102
Somerville	3,186.012	764,642.88	.031501
Stoneham	1,153.403	276,816.72	.011404
Swampscott	743.850	178,524.00	.007354
Wakefield 1	844.680	202,723.20	.008351
Waltham	4,170.330	1,000,879.20	.041234
Watertown	1,845.437	442,904.88	.018246
Weston 1	400.646	96,155.04	.003961
Winchester 1	479.690	115,125.60	.004742
Winthrop	832.710	199,850.40	.008233
	<u>101,137.597</u>	<u>\$24,273,023.28</u>	<u>1.000000</u>

1. Partial Supply Only.

2. Assessment for Entrance Fee:

Canton - Eighth of ten payments

\$11,975.90

Assessment for Water Connection:

Canton - Eighth of ten payments

24,795.84

3. Canton - Additional Payment

2,642.40

Needham - Additional payment

No water was discharged into the Charles River during the year 1977 under the provisions of Chap. 603 of the Acts of 1950.

No water was discharged into Bannister Brook during the year 1977 under the provisions of Chap. 557 of the Acts of 1947.

# COMPARISON OF ASSESSMENTS 1977 and 1978 WITH REVENUE FROM WATER RATES 1977

Cities and Towns	1977	1978	Water Revenue Received by Cities and Towns 1977
Arlington	\$ 469,917.84	\$ 437,933.52	\$ 1,075,589.33
Belmont	245,637.36	250,176.24	641,063.44
Boston	13,209,518.88	12,798,714.00	17,942,646.00
Brookline	618,924.96	636,667.44	1,587,748.26
Cambridge	45,935.04	5,990.40	2,723,198.00
Canton	63,449.76	66,087.36	353,306.87
Chelsea	324,045.36	287,737.68	635,502.84
Everett	682,950.96	657,458.88	1,088,047.98
Lexington	405,344.88	425,699.52	707,059.00
Lynnfield Water District	36,923.28	34,772.40	120,177.00
Malden	588,214.32	609,980.64	628,541.92
Marblehead	201,089.52	203,420.64	546,055.58
Medford	792,282.48	777,551.76	1,230,356.68
Melrose	283,123.92	263,998.32	356,796.31
Milton	240,914.64	252,851.52	581,157.00
Nahant	36,666.24	40,088.64	77,793.57
Needham	88,134.72	85,892.64	905,185.42
Newton	1,079,023.68	1,070,768.64	2,165,244.25
Norwood	356,984.88	344,022.72	655,031.25
Peabody	136,172.16	24,520.80	764,190.55
Quincy	921,252.96	984,821.04	2,269,125.13
Revere	384,637.92	418,214.64	841,622.00
Saugus	308,333.52	318,031.92	430,658.17
Somerville	791,753.04	764,642.88	1,292,897.06
Stoneham	282,239.52	276,816.72	436,277.39
Swampscott	153,915.60	178,524.00	363,412.18
Wakefield	206,215.20	202,723.20	563,250.16
Waltham	979,257.60	1,000,879.20	2,459,545.17
Watertown	440,888.64	442,904.88	992,985.60
Weston	102,337.92	96,155.04	352,418.09
Winchester	76,631.76	115,125.60	413,663.36
Winthrop	183,757.20	199,850.40	487,228.23
	<u>\$24,736,475.76</u>	<u>\$24,273,023.28</u>	<u>\$45,687,773.79</u>



# METROPOLITAN PARKS DISTRICT

## Metropolitan Parks Debt

Gross (and net) June 30, 1978

Bonds Outstanding (serial):

Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 81,000.00
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	750,000.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	752,000.00
Charles River Basin Improvement Loan, Act. of 1957 (Ch. 646)	2,074,000.00
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	4,890,000.00
Charles River Flood Control Act of 1955 (Ch. 768)	15,000.00
Charles River Flood Control Act of 1961 (Ch. 520)	510,000.00
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	1,325,000.00
Mystic River Dam Loan, Act of 1957 (Ch. 647)	2,748,000.00
Mystic River Dam Loan, Act of 1963 (Ch. 547)	6,990,000.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	398,000.00
Metropolitan District Commission Recreational Loan, Act of 1959 (Ch. 549)	596,000.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	825,000.00
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	2,100,000.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	1,360,000.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	605,000.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	1,425,000.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	6,420,000.00
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	1,350,000.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	17,395,000.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	1,800,000.00
Lynn-Nahant Beach Erosion Loan, Act of 1966 (Ch. 576)	250,000.00
Revere Beach Reservation and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	410,000.00
Wollaston Beach, Quincy Shore Res. Loan, Act of 1967	840,000.00
Metropolitan Parks District Loan Act of 1974	2,900,000.00
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	1,425,000.00
	<hr/>
	\$60,234,000.00

## METROPOLITAN PARKS EXPENSES

Debt Service	Serial Bonds	Interest
Neponset River Drainage and Flood Control, Act of 1955 (Ch. 743)	\$ 53,000.00	\$ 3,332.50
Neponset River Drainage and Flood Control, Act of 1961 (Ch. 521)	100,000.00	24,450.00
Metropolitan District Beach Erosion Loan, Act of 1956 (Ch. 736)	67,000.00	25,706.25
Charles River Basin Improvement Loan, Act of 1962 (Ch. 550)	295,000.00	256,313.75
Charles River Flood Control, Act of 1955 (Ch. 768)	50,000.00	1,837.50
Charles River Basin Improvement Loan, Act of 1957 (Ch. 646)	177,000.00	87,688.75
Charles River Flood Control, Act of 1961 (Ch. 520)	70,000.00	26,452.50
Metropolitan District Park Loan, Act of 1961 (Ch. 517)	270,000.00	45,577.50
Mystic River Dam Loan, Act of 1957 (Ch. 647)	229,000.00	86,876.25
Mystic River Dam Loan, Act of 1963 (Ch. 547)	420,000.00	300,740.00
Metropolitan District Commission Recreational Loan, Act of 1955 (Ch. 731)	50,000.00	1,500.00
Metropolitan District Commission Recreational Loan, Act of 1957 (Ch. 627)	249,000.00	17,967.00
Metropolitan District Commission Recreational Loan Act of 1959 (Ch. 549)	298,000.00	24,038.00
Metropolitan District Commission Recreational Loan, Act of 1962 (Ch. 704)	165,000.00	31,847.50
Metropolitan District Commission Recreational Loan, Act of 1963 (Ch. 657)	250,000.00	85,475.00
Metropolitan District Commission Recreational Loan, Act of 1965 (Ch. 681)	170,000.00	63,690.00
Metropolitan District Commission Recreation Loan, Act of 1966 (Ch. 650)	605,000.00	36,020.00
Metropolitan District Commission Recreation Loan, Act of 1968 (Ch. 589)	325,000.00	70,375.00
Metropolitan District Commission Recreation Loan, Act of 1970 (Ch. 725)	405,000.00	374,252.50
Franklin Park Zoo Improvement Loan, Act of 1965 (Ch. 612)	135,000.00	64,950.00
Lynn-Nahant Beach Erosion Control Project Loan, Act of 1966 (Ch. 576)	15,000.00	14,375.00
Revere and Nantasket Beach Reservation Loan, Act of 1967 (Ch. 786)	30,000.00	22,550.00
Charles River Water Quality Loan, Act of 1972 (Ch. 584)	100,000.00	115,050.00
Metropolitan Recreation and Environmental Loan, Act of 1972 (Ch. 803)	778,274.82	735,062.50
Wollaston Beach, Quincy Shore Reservation Loan, Act of 1967 (Ch. 786)	60,000.00	53,760.00
Metropolitan Parks District Loan 1974	91,091.60	149,941.67
Boston Harbor Islands Acquisition Loan, Act of 1970 (75%)	75,000.00	91,200.00
Interest on Average Monthly Deficit		154,457.00
	<hr/> \$5,532,366.42	<hr/> \$2,965,486.17
Maintenance as appropriated by the Legislature		\$ 8,497,852.59
		<hr/> 11,056,836.74
Total Metropolitan Parks Expenses to be assessed		<hr/> \$19,554,689.33

# **METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS**

Proportion of Interest, Serial Bonds and Maintenance Requirements as  
Determined by the Metropolitan District Commission

Cities and Towns	1976 Eq. Valuation	Valuation Per Cent Note 1.	Population 1975 Census	Population Per cent	Chapt. 92 Section 55 Note 2.
Arlington	\$ 554,452	.029571	50,223	.025402	.028447
Belmont	428,500	.022853	27,660	.013990	.020089
Boston	3,600,000	.192001	637,986	.322679	.237713
Braintree	544,000	.029013	36,822	.018624	.025792
Brookline	715,000	.038134	53,150	.026882	.034696
Cambridge	875,000	.046667	102,095	.051637	.048774
Canton	276,338	.014738	18,114	.009162	.012996
Chelsea	162,100	.008645	25,066	.012678	.010090
Dedham	371,600	.019819	26,924	.013617	.017924
Dover	137,200	.007317	4,923	.002490	.005770
Everett	590,100	.031472	39,713	.020086	.027929
Hingham	286,100	.015259	19,544	.009885	.013599
Hull	97,370	.005193	10,572	.005347	.005292
Lynn	585,500	.031227	80,240	.040584	.034659
Malden	434,100	.023152	55,814	.028229	.025070
Medford	547,100	.029179	60,702	.030702	.029957
Melrose	320,300	.017083	32,213	.016293	.016973
Milton	356,000	.018987	27,214	.013764	.017403
Nahant	62,600	.003339	4,229	.002139	.002966
Needham	546,600	.029152	29,936	.015141	.024705
Newton	1,156,200	.061664	89,193	.045107	.056656
Quincy	874,000	.046614	91,487	.046272	.046923
Revere	390,800	.020843	41,292	.020884	.021047
Saugus	341,448	.018211	24,716	.012501	.016456
Somerville	520,800	.027776	80,596	.040764	.032397
Stoneham	262,200	.013984	21,564	.010907	.013076
Swampscott	210,200	.011211	14,329	.007247	.000791
Wakefield	280,400	.014955	26,041	.013171	.014494
Waltham	725,000	.038667	56,757	.028706	.035669
Watertown	375,531	.020028	36,075	.018246	.019611
Wellesley	521,400	.027808	26,593	.013450	.023231
Weston	279,700	.014917	11,478	.005805	.011988
Westwood	261,613	.013953	14,019	.007090	.011771
Weymouth	577,147	.030781	56,854	.028755	.030380
Winchester	334,200	.017824	22,672	.011467	.015848
Winthrop	149,300	.007963	20,359	.010297	.008821
	<u>\$18,749,899</u>	<u>1.000000</u>	<u>1,977,155</u>	<u>1.000000</u>	<u>1.000000</u>
Cohasset (note 3) <sup>m</sup>	129,235	.006845		.003922	.00470
	<u>\$18,879,134</u>				

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance (8% of its proportion.)

Note 4. Swampscott Maintenance - Ch. 405 of 1968

# METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

## TOTAL ASSESSMENTS

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 163,597.61	\$ 87,692.40	\$ 314,386.01	\$ 565,676.02
Belmont	126,431.17	67,770.26	222,016.40	416,217.83
Boston	1,062,219.89	569,376.32	2,627,118.51	4,258,714.72
Braintree	160,510.55	86,037.66	285,043.90	531,592.11
Brookline	210,971.27	113,085.85	383,447.71	707,504.83
Cambridge	258,178.95	138,390.35	539,032.70	935,602.00
Canton	81,536.02	43,705.34	143,627.12	268,868.48
Chelsea	47,827.31	25,636.63	111,511.05	184,974.99
Cohasset			5,196.71	5,196.71
Dedham	109,645.98	58,772.98	198,089.60	366,508.56
Dover	40,480.33	21,698.47	63,767.97	125,946.77
Everett	174,114.64	93,329.79	308,661.26	576,105.69
Hingham	84,418.38	45,250.36	150,291.26	279,960.00
Hull	28,729.58	15,399.77	58,485.28	102,614.63
Lynn	172,759.21	92,603.24	383,038.80	648,401.25
Malden	128,085.35	68,656.94	277,064.62	473,806.91
Medford	161,428.92	86,529.93	331,073.99	579,032.84
Melrose	94,509.42	50,659.41	187,579.49	332,748.32
Milton	105,043.05	56,305.69	192,331.70	353,680.44
Nahant	18,472.58	9,901.76	32,779.16	61,153.50
Needham	161,279.55	86,449.85	273,030.76	520,760.16
Newton	341,147.85	182,863.73	626,141.71	1,150,153.29
Quincy	257,885.72	138,233.17	518,576.10	914,694.99
Revere	115,311.11	61,809.62	232,603.86	409,724.59
Saugus	100,749.92	54,004.46	181,865.78	336,620.16
Somerville	153,667.00	82,369.34	358,039.98	594,076.32
Stoneham	77,364.61	41,469.35	144,511.24	263,345.20
Swampscott	62,023.35	33,246.06	8,741.84	104,011.25
Wakefield	82,736.53	44,348.84	160,149.31	287,234.68
Waltham	213,920.01	114,666.45	394,200.94	722,787.40
Watertown	110,802.23	59,392.75	216,733.71	386,928.69
Wellesley	153,844.04	82,464.23	256,740.64	493,048.91
Weston	82,526.30	44,236.15	132,487.06	259,249.51
Westwood	77,193.10	41,377.42	130,088.85	248,659.37
Weymouth	170,291.77	91,280.62	335,748.82	597,321.21
Winchester	98,608.89	52,856.82	175,146.39	326,612.10
Winthrop	44,054.23	23,614.16	97,486.51	165,154.90
	<u>\$5,532,366.42</u>	<u>\$2,965,486.17</u>	<u>\$11,056,836.74</u>	<u>\$19,554,689.33</u>



# METROPOLITAN PARKS AND SEWERAGE DISTRICTS

## COMPARISON OF ASSESSMENTS 1977 and 1978

	Parks 1977	Parks 1978	Sewerage 1977	Sewerage 1978
Arlington	\$ 511,627.69	\$ 565,676.02	\$ 412,113.32	\$ 452,140.40
Ashland			66,107.54	72,449.51
Bedford			79,889.49	99,499.66
Belmont	377,337.35	416,217.83	235,355.45	261,624.57
Boston	3,826,984.36	4,258,714.72	5,674,899.81	6,213,719.06
Braintree	481,792.41	531,592.11	304,399.87	344,378.62
Brookline	640,836.56	707,504.83	436,373.44	479,039.42
Burlington			180,134.85	220,390.34
Cambridge	844,391.15	935,602.00	1,150,361.75	1,254,234.07
Canton	243,732.52	268,868.48	155,806.77	144,698.20
Chelsea	166,470.69	184,974.99	219,072.11	240,201.18
Cohasset	4,479.97	5,196.71		
Dedham	332,024.65	366,508.56	216,483.20	237,814.74
Dover	114,507.23	125,946.77		
Everett	522,159.90	576,105.69	384,840.34	395,230.27
Framingham			508,232.63	564,106.83
Hingham	253,716.61	279,960.00	45,035.17	49,219.92
Holbrook				42,437.59
Hull	92,671.37	102,614.63		
Lexington			246,752.89	271,515.60
Lynn	584,285.71	648,401.25		
Malden	427,226.00	473,806.91	463,735.71	505,018.59
Medford	522,824.58	579,032.84	503,514.11	552,098.38
Melrose	300,702.84	332,748.32	264,436.09	290,084.53
Milton	320,291.38	353,680.44	217,061.33	238,044.50
Nahant	55,425.75	61,153.50		
Natick			225,327.51	256,724.08
Needham	472,567.11	520,760.16	238,082.69	260,677.19
Newton	1,041,508.00	1,150,153.29	743,027.81	812,505.07
Norwood			278,815.87	307,446.04
Quincy	826,324.74	914,694.99	776,057.51	861,900.53
Randolph			170,029.89	191,386.92
Reading			164,988.80	183,297.97
Revere	370,110.36	409,724.59	329,880.28	362,321.71
Saugus	304,955.07	336,620.16		
Somerville	534,655.97	594,076.32	693,694.35	760,257.98
Stoneham	238,359.84	263,345.20	174,539.27	191,830.27
Stoughton			131,890.72	147,183.78
Swampscott	98,753.70	104,011.25		
Wakefield	259,741.56	287,234.68	190,797.05	230,055.66
Walpole			226,807.19	242,425.24
Waltham	654,443.41	722,787.40	639,043.98	689,220.79
Watertown	349,797.84	386,928.69	320,043.43	361,613.93
Wellesley	447,588.40	493,048.91	194,778.94	215,594.71
Weston	235,585.36	259,249.51		
Westwood	225,674.38	248,659.37	73,883.87	82,243.37
Weymouth	539,889.23	597,321.21	368,028.81	408,188.20
Wilmington			75,485.94	81,947.25
Winchester	296,013.64	326,612.10	212,300.12	231,847.96
Winthrop	148,831.40	165,154.90	167,098.68	183,433.37
Woburn			324,654.74	353,483.59
	<u>\$17,668,288.73</u>	<u>\$19,554,689.33</u>	<u>\$18,483,863.32</u>	<u>\$20,343,531.59</u>

# METROPOLITAN SEWERAGE DISTRICT

## Metropolitan Sewerage Debt

Gross (and net) debt June 30, 1978

Bonds Outstanding (serial):

District Sewerage Loan, Act of 1949, (Ch. 606)	\$ 8,544,000.00
Sewerage Loan, Act of 1951 (Ch. 645)	9,919,000.00
Sewerage Loan, North District, Act of 1951 (Ch. 757)	252,000.00
District Sewerage Loan, North System, Act of 1954 (Ch. 452)	248,000.00
Metropolitan District Sewerage Loan, Act of 1954 (Ch. 399)	373,000.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	55,000.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	15,456,000.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	3,120,000.00
Metropolitan District Sewerage Relief Loan, Act of 1962 (Ch. 593)	1,140,000.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	1,935,000.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	3,140,000.00
Second Metropolitan Sewerage Loan, Act of 1962	6,750,000.00
District Sewerage Loan, Act of 1951 (Ch. 527)	462,000.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	541,000.00
District Sewerage Loan, Act of 1953 (Ch. 642)	231,000.00
District Sewerage Loan, Act of 1954 (Ch. 580)	171,000.00
District Sewerage Loan, Act of 1955 (Ch. 410)	402,000.00
District Sewerage Loan, Act of 1955 (Ch. 551)	306,000.00
District Sewerage Loan, Act of 1957 (Ch. 710)	373,000.00
District Sewerage Loan, Act of 1957 (Ch. 764)	177,000.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	5,145,000.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	515,000.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	6,600,000.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	5,790,000.00
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	5,675,000.00
Metropolitan Sewerage Loan, Act of 1972 (Ch. 803)	8,325,000.00
Metropolitan District Commission Malden Relief Sewerage Loan Act of 1966 (Ch. 478)	870,000.00
Metropolitan District Commission Malden Relief Sewerage Loan, Act of 1969 (Ch. 526)	440,000.00
	<hr/>
	\$86,955,000.00

# **METROPOLITAN SEWERAGE DISTRICT** **METROPOLITAN SEWERAGE EXPENSES**

Debt Service	Serial Bonds	Interest
District Sewerage Loan, Act of 1949 (Ch. 606)	\$ 697,700.00	\$ 271,896.25
Sewerage Loan, Act of 1951 (Ch. 645)	681,300.00	250,347.50
Sewerage Loan, North District, Act of 1951 (Ch. 757)	36,000.00	5,544.00
District Sewerage Loan, North System Act of 1954 (Ch. 452)	22,400.00	7,542.50
District Sewerage Loan, North System, Act of 1954 (Ch. 399)	23,100.00	13,055.00
Metropolitan District Sewerage Loan, North System, Act of 1958 (Ch. 590)	3,500.00	1,925.00
Metropolitan Sewerage Loan, Act of 1961 (Ch. 515)	450,800.00	454,927.00
District Sewerage Relief Loan, Act of 1961 (Ch. 516)	91,000.00	94,505.00
Metropolitan District Sewerage Loan, Act of 1962 (Ch. 593)	56,000.00	42,900.00
District Sewerage Relief Loan, Act of 1962 (Ch. 655)	59,500.00	45,325.00
Metropolitan Sewerage Loan, Act of 1962 (Ch. 658)	130,000.00	113,798.75
Second Metropolitan Sewerage Loan, Act of 1962 (Ch. 766)	216,000.00	250,886.25
District Sewerage Loan, Act of 1951 (Ch. 527)	66,000.00	10,164.00
District Sewerage Second Loan, Act of 1951 (Ch. 599)	73,000.00	12,438.25
District Sewerage Loan, Act of 1953 (Ch. 642)	33,000.00	5,082.00
District Sewerage Loan, Act of 1954 (Ch. 580)	19,000.00	4,441.25
District Sewerage Loan, Act of 1955 (Ch. 410)	36,900.00	12,038.75
District Sewerage Loan, Act of 1955 (Ch. 551)	34,000.00	7,947.50
District Sewerage Loan, Act of 1957 (Ch. 710)	14,766.67	13,055.00
District Sewerage Loan, Act of 1957 (Ch. 764)	11,900.00	6,195.00
Metropolitan Sewerage Loan, Act of 1966 (Ch. 563)	160,000.00	306,220.00
Metropolitan District Sewerage Relief Loan, Act of 1966 (Ch. 565)	-44,000.00	25,575.00
Metropolitan Sewerage Loan, Act of 1967 (Ch. 837)	200,000.00	270,600.00
Metropolitan District Commission Malden Relief Sewer Loan, 1969 (Ch. 526)	20,000.00	24,725.00
Metropolitan Sewerage Loan, Act of 1970 (Ch. 745)	170,000.00	315,475.00
Metropolitan District Commission Malden Relief Sewer Loan 1966 (Ch. 478)	45,000.00	48,731.25
Metropolitan District Commission Charles River Marginal Conduit Loan, Act of 1971 (Ch. 881)	275,000.00	348,725.00
Metropolitan Sewerage Loan 1972 (Ch. 803)	625,000.00	478,208.33
Interest on Average Monthly Deficit		482,617.00
	<hr/>	<hr/>
	\$4,206,866.67	\$3,924,890.58
Maintenance		\$ 8,131,757.25
Total Metropolitan Sewerage Expenses		<hr/> 12,211,774.34
		\$20,343,531.59

# **METROPOLITAN DISTRICT COMMISSION SEWERAGE DIVISION**

**Ratios of Contributions on the Basis of Chap. 814, Acts of 1975, Section 5 & 5A  
and the Census Returns of 1975 as Determined by the  
Metropolitan District Commission, Sewerage Division**

City or Town	Census 1975	Population Equivalent of Major Industries	Total Census and Population Equivalent	Ratios for Principal and Interest Fiscal Year Ending June 30, 1979
Arlington	50.223	0.	50.223	0.021221
Ashland	8.906	3.082	11.988	0.005065
Bedford	12.314	2.470	14.784	0.006247
Belmont	29.150	616	29.766	0.012577
Boston	639.254	50.167	689.421	0.291306
Braintree	36.822	1.389	38.211	0.016146
Brookline	53.150	0	53.150	0.022458
Burlington	24.306	2.176	26.482	0.011190
Cambridge	102.095	37.070	139.165	0.058802
Canton	18.114	2.110	20.224	0.008545
Chelsea	25.066	1.598	26.664	0.011267
Dedham	26.924	1.034	27.958	0.011813
Everett	39.713	4.173	43.886	0.018543
Framingham	65.564	4.912	70.476	0.029779
Hingham	6.555	0	6.555	0.002770
Holbrook	11.849	0	11.849	0.005007
Lexington	32.477	484	32.961	0.013927
Malden	55.814	237	56.051	0.023684
Medford	60.702	626	61.328	0.025913
Melrose	32.213	0	32.213	0.013611
Milton	27.214	285	27.499	0.011619
Natick	31.102	2.617	33.719	0.014248
Needham	29.936	578	30.514	0.012893
Newton	89.183	1.072	90.255	0.038136
Norwood	31.316	2.826	34.142	0.014426
Quincy	91.487	4.173	95.660	0.040420
Randolph	29.206	450	29.656	0.012531
Reading	23.696	0	23.696	0.010012
Revere	41.292	0	41.292	0.017447
Somerville	80.596	3.789	84.385	0.035656
Stoneham	21.564	0	21.564	0.009112
Stoughton	25.717	0	25.717	0.010866
Wakefield	26.041	0	26.041	0.011003
Walpole	18.504	15.951	34.455	0.014559
Waltham	58.667	17.871	76.538	0.032340
Watertown	36.075	4.068	40.143	0.016962
Wellesley	26.593	0	26.593	0.011237
Westwood	14.019	0	14.019	0.005924
Weymouth	56.854	0	56.854	0.024023
Wilmington	17.656	2.238	19.894	0.008406
Winchester	22.672	3.058	25.730	0.010872
Winthrop	20.359	0	20.359	0.008602
Woburn	35.329	9.246	44.575	0.018835
Totals	2,186.289	180.366	2,366.655	1.000000

(1) Belmont: Population included 1,490 at the McLean Hospital.

(2) Boston: Population included 938 at Boston State Hospital and 330 persons at Deer Island.

(3) Hingham: Part of town only included in the system.

(4) Waltham: Population included 1,329 persons at the Metropolitan State Hospital and 581 persons at the Middlesex County Hospital.



# METROPOLITAN DISTRICTS COMMISSION SEWERAGE DIVISION

Ratios of Contributions on the Basis of Chapter 814, Acts of 1975  
Section 6 and the Contributing Population as determined by the  
Metropolitan District Commission, Sewerage Division

City or Town	Contributing Population	Population Equivalent of Major Industries	Total Contributing Population and Population Equivalent	Ratios for Operation and Maintenance Fiscal Year Ending June 30, 1979
Arlington	50,129	0	50,129	0.022894
Ashland	2,523	3.082	5,605	0.002560
Bedford	6,263	2,470	8,733	0.003988
Belmont	27,956	616	28,572	0.013049
Boston	639,232	50,167	689,399	0.314851
Braintree	36,817	1,389	38,206	0.017449
Brookline	53,149	0	53,149	0.024273
Burlington	21,026	2,176	23,202	0.010596
Cambridge	102,082	37,070	139,152	0.063551
Canton	11,367	2,110	13,486	0.006159
Chelsea	25,042	1,598	26,640	0.012167
Dedham	24,383	1,034	25,417	0.011608
Everett	39,656	4,173	43,829	0.020017
Framingham	52,814	4,912	57,726	0.026364
Hingham	4,786	0	4,786	0.002186
Holbrook	308	0	308	0.000141
Lexington	27,894	484	28,378	0.012960
Malden	55,783	237	56,020	0.025584
Medford	60,584	626	61,210	0.027955
Melrose	32,167	0	32,167	0.014691
Milton	25,456	285	25,741	0.011756
Natick	22,640	2,617	25,257	0.011535
Needham	27,363	578	27,941	0.012761
Newton	89,009	1,072	90,081	0.041140
Norwood	31,265	2,826	34,091	0.015570
Quincy	91,433	4,173	95,606	0.043664
Randolph	15,596	450	16,046	0.007328
Reading	18,267	0	18,267	0.008343
Revere	39,527	0	39,527	0.018052
Somerville	80,539	3,789	84,328	0.038513
Stoneham	21,109	0	21,109	0.009641
Stoughton	10,547	0	10,547	0.004817
Wakefield	25,207	0	25,207	0.011512
Walpole	6,288	15,951	22,239	0.010157
Waltham	58,555	17,871	76,426	0.034904
Watertown	36,039	4,068	40,107	0.018317
Wellesley	22,273	0	22,273	0.010172
Westwood	6,109	0	6,109	0.002790
Weymouth	38,163	0	38,163	0.017429
Wilmington	199	2,238	2,437	0.001113
Winchester	22,660	3,058	25,718	0.011746
Winthrop	20,349	0	20,349	0.009293
Woburn	26,673	9,246	35,919	0.016404
	<u>2,009,236</u>	<u>180,366</u>	<u>2,189,602</u>	<u>1.000000</u>

(1) HOLBROOK: Population adjusted - started contributing on September 9, 1977.

# METROPOLITAN SEWERAGE DISTRICT

## Total Assessments

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 89,273.92	\$ 83,290.11	\$ 279,576.37	\$ 452,140.40
Ashland	21,307.78	19,879.58	31,262.15	72,449.51
Bedford	26,280.30	24,518.80	48,700.56	99,499.66
Belmont	52,909.77	49,363.35	159,351.45	261,624.57
Boston	1,225,485.51	1,143,344.18	3,844,889.37	6,213,719.06
Braintree	67,924.07	63,371.29	213,083.26	344,378.62
Brookline	94,477.82	88,145.20	296,416.40	479,039.42
Burlington	47,074.84	43,919.53	129,395.97	220,390.34
Cambridge	247,372.18	230,791.42	776,070.47	1,254,234.07
Canton	35,947.68	33,538.20	75,212.32	144,698.20
Chelsea	47,398.77	44,221.75	148,580.66	240,201.18
Dedham	49,695.72	46,364.74	141,754.28	237,814.74
Everett	78,007.93	72,779.25	244,443.09	395,230.27
Frammingham	125,276.29	116,879.32	321,951.22	564,106.83
Hingham	11,653.03	10,871.95	26,694.94	49,219.92
Holbrook	21,063.79	19,651.93	1,721.87	42,437.59
Lexington	58,589.04	54,661.96	158,264.60	271,515.60
Malden	99,635.44	92,957.11	312,426.04	505,018.59
Medford	109,012.54	101,705.68	341,380.16	552,098.38
Melrose	57,259.67	53,421.68	179,403.18	290,084.53
Milton	48,879.59	45,603.30	143,561.61	238,044.50
Natick	59,939.43	55,921.84	140,862.81	256,724.08
Needham	54,239.13	50,603.61	155,834.45	260,677.19
Newton	160,433.06	149,679.62	502,392.39	812,505.07
Norwood	60,688.25	56,620.47	190,137.32	307,446.04
Quincy	170,041.55	158,644.07	533,214.91	861,900.53
Randolph	52,716.24	49,182.80	89,487.88	191,386.92
Reading	42,119.14	39,296.00	101,882.83	183,297.97
Revere	73,397.20	68,477.56	220,446.95	362,321.71
Somerville	150,000.03	139,945.89	470,312.06	760,257.98
Stoneham	38,332.96	35,763.60	117,733.71	191,830.27
Stoughton	45,711.81	42,647.86	58,824.11	147,183.78
Wakefield	46,288.15	43,185.57	140,581.94	230,055.66
Walpole	61,247.77	57,142.48	124,034.99	242,425.24
Waltham	136,050.06	126,930.96	426,239.77	689,220.79
Watertown	71,356.87	66,573.99	223,683.07	361,613.93
Wellesley	47,272.56	44,103.99	124,218.16	215,594.71
Westwood	24,921.47	23,251.05	34,070.85	82,243.37
Weymouth	101,061.55	94,287.64	212,839.01	408,188.20
Wilmington	35,362.92	32,992.63	13,591.70	81,947.25
Winchester	45,737.05	42,671.41	143,439.50	231,847.96
Winthrop	36,187.46	33,761.90	113,484.01	183,433.37
Woburn	79,236.33	73,925.31	200,321.95	353,483.59
	<u>\$4,206,866.67</u>	<u>\$3,924,890.58</u>	<u>\$12,211,774.34</u>	<u>\$20,343,531.59</u>

## STATEMENT OF DEBTS OF THE METROPOLITAN DISTRICT

Net Debt June 30, 1978	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Arlington	\$ 1,845,272.06	\$ 2,209,531.58	\$ 1,781,179.62	\$ 5,835,983.26
Ashland	440,427.08			440,427.08
Bedford	543,207.89			543,207.89
Belmont	1,093,633.04	1,262,257.07	1,376,527.61	3,732,417.72
Boston	25,330,513.24	64,574,117.42	11,564,988.24	101,469,618.90
Braintree	1,403,975.44		1,747,569.05	3,151,544.49
Brookline	1,952,835.40	3,212,283.19	2,296,963.36	7,462,081.95
Burlington	973,026.46			973,026.46
Cambridge	5,113,127.92	30,249.11	2,810,940.08	7,954,317.11
Canton	743,030.48	333,474.92	887,728.70	1,964,234.10
Chelsea	979,721.99	1,451,834.44	520,722.94	2,952,279.37
Dedham	1,027,199.41		1,193,777.65	2,220,977.06
Dover			440,732.18	440,732.18
Everett	1,612,406.56	3,317,114.08	1,895,684.45	6,825,205.09
Framingham	2,589,432.94			2,589,432.94
Hingham	240,865.35		919,110.61	1,159,975.96
Holbrook	435,383.68			435,383.68
Hull			312,795.17	312,795.17
Lexington	1,211,022.28	2,147,808.71		3,358,830.99
Lynn			1,880,927.12	1,880,927.12
Lynnfield Water District		175,493.78		175,493.78
Malden	2,059,442.22	3,077,570.59	1,394,537.57	6,531,550.38
Marblehead		1,026,387.55		1,026,387.55
Medford	2,253,264.91	3,923,075.84	1,757,567.89	7,933,908.64
Melrose	1,183,544.50	1,332,062.68	1,028,977.43	3,544,584.61
Milton	1,010,330.14	1,275,728.32	1,143,662.95	3,429,721.41
Nahant		202,313.83	201,121.32	403,435.15
Natick	1,238,934.84			1,238,934.84
Needham	1,121,110.81	433,407.17	1,755,941.56	3,310,459.54
Newton	3,316,115.88	5,402,465.12	3,714,269.37	12,432,850.37
Norwood	1,254,412.83	1,735,833.08		2,990,245.91
Peabody		123,690.66		123,690.66
Quincy	3,514,721.10	4,968,690.55	2,807,747.67	11,291,159.32
Randolph	1,089,633.10			1,089,633.10
Reading	870,593.46			870,593.46
Revere	1,517,103.88	2,109,966.71	1,255,457.26	4,882,527.85
Saugus		1,604,549.53	1,096,921.37	2,701,470.90
Somerville	3,100,467.48	3,857,801.46	1,673,059.58	8,631,328.52
Stoneham	792,333.96	1,396,602.26	842,312.25	3,031,248.47
Stoughton	944,853.03			944,853.03
Swampscott		900,614.96	675,283.37	1,575,898.33
Wakefield	956,765.86	1,022,713.56	900,799.47	2,880,278.89
Walpole	1,265,977.84			1,265,977.84
Waltham	2,812,124.70	5,049,763.04	2,329,068.07	10,190,955.81
Watertown	1,474,930.71	2,234,514.63	1,206,366.55	4,915,811.89
Wellesley	977,113.33		1,674,987.07	2,652,100.40
Weston		485,087.82	898,510.57	1,383,598.39
Westwood	515,121.42		840,445.00	1,355,566.42
Weymouth	2,088,919.96		1,854,062.75	3,942,982.71
Wilmington	730,943.73			730,943.73
Winchester	945,374.76	580,733.77	1,073,610.81	2,599,719.34
Winthrop	747,986.91	1,008,262.57	479,643.34	2,235,892.82
Woburn	1,637,797.42			1,637,797.42
	\$86,955,000.00	\$122,466,000.00	\$60,234,000.00	\$269,655,000.00





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